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January 31, 2014

California Regional Water Quality Control Board
San Francisco Bay Region
1515 Clay Street, Suite 1400
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Attn: Mr. David Barr

Re: *2013 Groundwater Monitoring and Sampling Summary Report*
*Former Synertek Building No. 1 Facility, 3050 Coronado Drive, Santa Clara, California*

Dear Mr. Barr:

CH2M HILL, on behalf of Honeywell International Inc. (Honeywell), has prepared this *2013 Groundwater Monitoring and Sampling Summary Report* for the former Synertek Building No. 1, located at 3050 Coronado Drive in Santa Clara, California. You will find enclosed the above-referenced report in both hardcopy and electronic (PDF) format. A copy of the report will also be loaded to GeoTracker.

Should you require any additional information and/or clarification, please feel free to contact me at (415) 513-5719 or Benny Dehghi, the Honeywell Remediation Manager, at (310) 512-2296.

Sincerely,

Teresa Tamburello, P.E.
CH2M HILL

Enclosures

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# 2013 Groundwater Monitoring and Sampling Summary Report, Former Synertek Building No. 1, 3050 Coronado Drive, Santa Clara, California

Prepared for

**Honeywell International Inc.**

January 2014

CH2MHILL®

155 Grand Avenue Suite 800
Oakland, CA 94612

SITE: R37552
SUBJECT: 3.10.08

# 2013 Groundwater Monitoring and Sampling Summary Report

# Former Synertek Building No. 1
# 3050 Coronado Drive
# Santa Clara, California

**Submitted to**

California Regional Water Quality Control Board, San Francisco Bay Region
1515 Clay Street, Suite 1400
Oakland, CA 94612

**On behalf of**

Honeywell International Inc.
Torrance, CA

**January 31, 2014**

**Prepared by**

_____ January 31, 2014
Oscar Correa, Ph.D., Staff Engineer Date

**Approved by**

_____ January 31, 2014
Alan Hodges, P.E., Senior Consultant Date

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_____ January 31, 2014
Teresa Tamburello, P.E., Project Manager Date

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# Acronyms and Abbreviations

| | |
|---|---|
| µg/L | micrograms per liter |
| bgs | below ground surface |
| DCA | dichloroethane |
| DCE | dichloroethene |
| DO | dissolved oxygen |
| EISB | enhanced in situ bioremediation |
| FCS | Final Cleanup Standard |
| Freon 113 | 1,1,2-trichloro-1,2,2-trifluoroethane |
| FS | feasibility study |
| ft/ft | feet per foot |
| GWET | groundwater extraction and treatment |
| Honeywell | Honeywell International Inc. |
| IT | IT Corporation |
| mg/L | milligrams per liter |
| MNA | monitored natural attenuation |
| msl | mean sea level |
| ORP | oxidation-reduction potential |
| QA/QC | quality assurance/quality control |
| RI | remedial investigation |
| SCR | Site Cleanup Requirements |
| TCA | trichloroethane |
| TCE | trichloroethene |
| USEPA | United States Environmental Protection Agency |
| VOC | volatile organic compound |
| Water Board | California Regional Water Quality Control Board, San Francisco Bay Region |

SECTION 1

# Introduction

CH2M HILL prepared this 2013 groundwater monitoring and sampling summary report on behalf of Honeywell International Inc. (Honeywell). This report presents the results of groundwater monitoring and sampling performed in April–May and October 2013 at the Former Synertek Building No. 1 facility (the Site) located at 3050 Coronado Drive in Santa Clara, California (see Figure 1-1; all figures and tables are located at the end of this report). The Regional Water Quality Control Board (Water Board) is the lead agency for this site and is teamed with the United States Environmental Protection Agency (USEPA). The USEPA has been involved in this Site since it was added to the National Priority List as a Superfund site in 1991.

Groundwater monitoring and sampling is being performed semiannually and reported annually, as outlined in the self-monitoring program in the 1991 Site Cleanup Requirement (SCR) Order No. 91-051 (Water Board, 1991), along with the Water Board–issued 2004 and 2013 modifications to the self-monitoring program (Water Board, 2004, 2013). The following are year-2013 deviations from the groundwater monitoring and sampling outlined in the self-monitoring program:

- Groundwater monitoring and sampling was conducted in May and October 2013 at monitoring well MW-37A. MW-37A was installed in 2011 as part of the enhanced in situ bioremediation (EISB) activities.
- Groundwater monitoring and sampling was not conducted at MW-24A during 2013 because the well could not be located.
- Because of ongoing access arrangement discussions, in October 2013, groundwater monitoring (water level monitoring) was not conducted at MW-01A, MW-15A, MW-15B, MW-28A, MW-29A, MW-33A, MW-34A, and MW-36A, and sampling was not conducted at MW-29A and MW-33A.
- As recommended in the *Fourth Five-Year Review Report for Synertek, Inc. (Building 1) Superfund Site, 3050 Coronado Drive, Santa Clara, California* (USEPA, 2012), groundwater samples were collected from monitoring wells MW-35A, MW-36A, and PW-5 in 2013 and analyzed for volatile organic compounds (VOCs) to assess the concentration trends of 1,1-dichloroethene (DCE) in downgradient monitoring well MW-29A.
- As outlined in the Groundwater Remediation Work Plan (CH2M HILL, 2010), EISB evaluation monitoring and sampling was conducted at monitoring wells MW-07A, MW-37A, and MW-04B in April–May and October 2013. The 2013 EISB performance evaluation is provided in Appendix E.

The 2013 groundwater sampling schedule is summarized in Table 1-1.

## 1.1 Background

The Site is located on a level parcel of land and covers approximately 1.5 acres. The majority of the area is developed, with one structure (a 24,000-square-foot office building) and large paved areas for streets and parking lots. Prior to 1974, the area was agricultural land. In 1974, Synertek Inc. (Synertek) leased the Site for semiconductor manufacturing. In 1979, Honeywell acquired Synertek as a wholly owned subsidiary. Synertek manufacturing operations ceased in 1985 and the building remained vacant until 1989. Today, Jim Lindsey and Kalil Jenab own the building located at 3050 Coronado Drive and lease it to Crystal Solar.

Prior to 1985, Synertek constructed and operated two underground tank systems east of the building. One tank was used between 1976 and 1982 for storing chlorinated solvents, and three former neutralization system tanks (used between 1974 and 1982) were used as holding tanks for a variety of chemicals, including solvents. The quantity of solvents released from the tanks and the dates of the releases are unknown, but these tanks and affected soils were removed in 1985. Results from post-excavation sampling indicate VOC contamination in groundwater in both the A and B aquifer zones.

Honeywell began operating a groundwater extraction and treatment (GWET) system in 1987 as part of an interim remedial measure to address the VOC contamination identified in the groundwater when the tanks were removed. The extracted water was treated using an air stripper and then discharged under a National Pollutant Discharge Elimination (NPDES) permit to the storm sewer which flowed to San Tomas Aquino Creek (USEPA, 1991).

In 1990, a remedial investigation/feasibility study (RI/FS) report that evaluated the results of the subsurface investigations, the effectiveness of the interim groundwater cleanup actions, and remedial alternatives was submitted [Conestoga-Rovers & Associates (CRA), 1990a]. The RI/FS was submitted as two separate reports, an RI dated September 28, 1990 (CRA, 1990a), and an FS dated November 30, 1990 (CRA, 1990b). The RI/FS was the basis for the final remedial action plan as set forth in SCR Order No. 91-051 (Water Board, 1991) and the USEPA Record of Decision (USEPA, 1991). The final remedial action plan included GWET, groundwater monitoring, and institutional controls. A deed restriction that prevents the drilling of groundwater wells was recorded in December 1991, and the GWET system operated at the Site from 1987 to 2001.

SCR Order No. 91-051 (Water Board, 1991) established Final Cleanup Standards (FCSs) for the target VOCs. FCSs for the target VOCs are as follows:

- Trichloroethene (TCE)—5 micrograms per liter (μg/L)
- 1,1-dichloroethene (DCE)—6 μg/L
- 1,1-dichloroethane (DCA)—5 μg/L
- 1,1,1-trichloroethane (TCA)—200 μg/L
- Vinyl chloride—0.5 μg/L
- 1,1,2-trichloro-1,2,2-trifluoroethane (Freon 113)—1,200 μg/L
- Trans-1,2-DCE—not established

In September 2000, the Water Board and Honeywell jointly evaluated continued operation of the GWET. On the basis of the findings of this joint evaluation, it was determined that the continued operation of the GWET was not warranted. Operation of the GWET had reduced the average concentration of TCE in the A- and B-aquifers by 93 and 99 percent, respectively (IT Corporation [IT], 2001). At that time, groundwater monitoring data indicated that VOC concentrations in monitoring wells and treatment system influent were approaching asymptotic levels, suggesting that further reduction of VOCs in groundwater using the GWET would not be feasible. In the *Proposed Monitored Natural Attenuation Investigation Work Plan, Synertek, Building 1, 3050 Coronado Drive, Santa Clara* (IT, 2000), a monitored natural attenuation (MNA) investigation was proposed to evaluate the effects of discontinuing operation of the GWET and the feasibility of implementing MNA as a method for controlling the migration of VOCs in groundwater and remediating the VOC plume at the site. This work plan was approved in a letter from the Water Board dated January 24, 2001 (Water Board, 2001).

The first 2 years of the MNA investigation were performed from 2001 through 2002. Investigation results indicated that natural attenuation of VOCs was occurring at the site. In the *Monitored Natural Attenuation Investigation 2002 Annual Summary Report, Synertek Building No. 1, 3050 Coronado Drive, Santa Clara, California* (CH2M HILL, 2003), it was recommended that the GWET remain shut down and that groundwater monitoring at the site be performed semiannually through the next five-year review period or until it could be confirmed that site closure criteria had been met.

In 2004, the Water Board provided the Modification to Self-monitoring Program for Order No. 91-051 SCRs (Water Board, 2004) that approved the recommendation to have the groundwater extraction system remain off and the MNA trial program continue. It further approved the recommendation for semiannual monitoring.

In the *Monitored Natural Attenuation Investigation 2005 Annual Summary Report, Synertek Building No. 1, 3050 Coronado Drive, Santa Clara, California* (CH2M HILL, 2006), it was recommended that monitoring of

biodegradation parameters be reduced to focusing on dissolved oxygen (DO), pH, and oxidation-reduction potential (ORP) because biodegradation parameters are stable.

The *Third Five-Year Review Report for Synertek Building 1 Site* (Water Board, 2007) indicated that the plume has not expanded since the last review. Recommendations from the third five-year review were to: (1) amend the Record of Decision to reflect MNA as the cleanup method; (2) reassess vapor intrusion if zoning of the site changes; and (3) update the site covenant prohibiting the use of groundwater to be consistent with current California law. In summary, the protectiveness of the remedy was considered appropriate for current zoning.

The *Fourth Five-Year Review Report for Synertek, Inc. (Building 1) Superfund Site* (USEPA, 2012) established that the plume has remained generally stable. Recommendations from the fourth five-year review were the following:

1. Conduct indoor air and subslab testing to determine if there is current or potential future exposure of building occupants to site contaminants through vapor intrusion and whose results are summarized in *Vapor Intrusion Evaluation Report, March/April 2013, Former Synertek Building No. 1, 3050 Coronado Drive, Santa Clara, California, Water Board Final Site Cleanup Requirements Order No. 91-051* (CH2M HILL, 2013a)
2. Pilot-test an alternative remedy (EISB pilot test was implemented in 2011), whose results are summarized in *Focused Feasibility Study, Former Synertek Building No. 1 Facility, Santa Clara, California* (CH2M HILL, 2013a)
3. Expand the groundwater monitoring program to evaluate the slight increase of 1,1-DCE observed in monitoring well MW-29A, whose results are presented in this report
4. Update the existing restrictive covenant to be consistent with current state law (California Civil Code section 1471) (still pending)

In 2013, the Water Board provided the Modification to Self-monitoring Program for Order No. 91-051, SCR (Water Board, 2013), that approved the 2008 recommendation to reduce the groundwater monitoring reporting schedule to annual.

## 1.2 Geology

Site stratigraphy consists of interbedded complex silts, clays, and sands to a depth of at least 465 feet below ground surface (bgs) (IT, 1991). The first groundwater zone, the A-aquifer, generally extends from 10 to 20 feet bgs. The A-aquifer is underlain by silty to sandy clays, generally ranging in thickness from 5 to 10 feet, which act as a leaky aquitard separating the A-aquifer from the underlying B-aquifer (IT, 1991). The B-aquifer is encountered between 30 and 50 feet bgs. The B-aquifer is underlain by approximately 60 feet of clay, which effectively separates it from water-bearing zones encountered at deeper depths, such as the B1-aquifer encountered at 100 to 108 feet bgs (IT, 1991). More detailed information can be found in the SCR Order (Water Board, 1991).

## 1.3 Report Structure

This annual summary report presents the groundwater monitoring data collected in 2013; the remaining sections are organized as follows:

- Section 2: groundwater elevation and flow direction data
- Section 3: groundwater analytical data
- Section 4: concise summary of sample results for 2013
- Section 5: conclusions and recommendations for future groundwater monitoring activities
- Section 6: references cited in this report

- Appendix A: field data sheets from 2013 sampling
- Appendix B: summary of historical groundwater elevation data (1983–2000)
- Appendix C: summary of historical total target VOC concentrations (1983–2000)
- Appendix D: summary of analytical quality assurance/quality control (QA/QC)
- Appendix E: EISB current and historical VOC and MNA results

SECTION 2

# Groundwater Elevation and Flow

Depth-to-water measurements were collected on May 1 and 2, 2013, and on October 29 and 30, 2013, from onsite and offsite monitoring and extraction wells. Measurements were made to the nearest 0.01 foot from the tops of the well casings. The tops of the well casings were previously surveyed to a common datum referenced to mean sea level (msl).

Table 2-1 provides groundwater measurement data for 2013, as well as groundwater elevation data collected during the MNA period (since March 2001). Figures 2-1 through 2-4 present the A-aquifer and B-aquifer potentiometric surface contours for May and October 2013.

Appendix A presents field data sheets (including data for pH, specific conductance, dissolved oxygen, oxidation-reduction potential, temperature, and volume purged for wells sampled in 2013). Appendix B provides historical (1983 to 2000) depth-to-water measurements and groundwater elevation data.

## 2.1 A-aquifer

Groundwater elevations were measured at 28 of the 29 A-aquifer wells in May 2013. One monitoring well (MW-24A) could not be located in the landscaping area near 3151 Coronado Drive, and therefore groundwater elevations could not be measured in this well. Groundwater elevations ranged from 18.20 feet above msl in monitoring well MW-34A to 28.07 feet above msl in monitoring well PW-1 (Figure 2-1). The groundwater elevations are consistent with historical results.

Groundwater elevations were measured at 22 of the 29 A-aquifer wells in October 2013. Due to ongoing access arrangement discussions with properties adjacent to the Synertek site, depth to groundwater measurements were not collected at offsite monitoring wells MW-01A, MW-15A, MW-28A, MW-29A, MW-33A, and MW-34A. In addition, as mentioned earlier, one monitoring well (MW-24A) could not be located in the landscaping area near 3151 Coronado Drive and therefore groundwater elevations could not be measured in this well. Groundwater elevations ranged from 21.85 feet above msl in monitoring well MW-35A to 26.16 feet above msl in monitoring well MW-10A (Figure 2-2). The groundwater elevations are consistent with historical results.

The potentiometric surface maps for May 2013 (Figure 2-1) and October 2013 (Figure 2-2) indicate that the overall groundwater flow direction in the A-aquifer is to the north. The groundwater gradients were 0.0039 feet per foot (ft/ft) (May) and 0.0043 ft/ft (October) between monitoring wells MW-10A and MW-35A, which are similar to the gradients observed in previous monitoring events.

## 2.2 B-aquifer

Groundwater elevations were measured at 10 B-aquifer monitoring wells in May 2013. Groundwater elevations ranged from 27.46 feet above msl in monitoring well MW-25B to 32.49 feet above msl in monitoring well MW-20B (Figure 2-3). Well MW-03B1 was observed to be a flowing artesian well (groundwater elevation greater than 33.53 feet above msl, which is the top of casing elevation). The well is sealed with a balloon cap, and water flows from the well when the cap is removed.

Groundwater elevations were measured from nine B-aquifer monitoring wells in October 2013. Due to ongoing access arrangement discussions regarding properties near the Synertek site, the depth to water measurement at the offsite monitoring well MW-15B was not recorded. Groundwater elevations ranged from 25.84 feet above msl in monitoring well MW-25B to 31.35 feet above msl in monitoring well MW-20B (Figure 2-4). Well MW-03B1 was observed to be a flowing artesian well (groundwater elevation greater than 33.53 feet above msl, which is the top of casing elevation). The well is sealed with a balloon cap, and water flows from the well when the cap is removed.

The B-aquifer potentiometric surface maps for May 2013 (Figure 2-3) and October 2013 (Figure 2-4) have been updated to further depict interpreted hydraulic gradients. The overall groundwater flow direction in the B-aquifer at this site is towards the north. Groundwater elevations are consistently higher in wells MW-20B, MW-03B, and MW-03B1 than in the other B-aquifer wells. The higher groundwater elevations at MW-03B and the artesian conditions at MW-03B1 indicate that variations in vertical hydraulic gradient exist in this area due to artesian groundwater conditions in the B-aquifer. The higher groundwater elevations at MW-20B depict a localized hydraulic mound.

For characterizing the gradient variations in the B-aquifer, horizontal hydraulic gradients are calculated in two areas for the two monitoring events as follows:

- The groundwater gradient between monitoring wells MW-20B and MW-25B was 0.012 ft/ft in May 2013; the groundwater gradient between monitoring wells MW-20B and MW-25B was 0.014 ft/ft in October 2013. In both cases (May and October), the groundwater gradients are consistent with previously observed gradients.
- The hydraulic gradient defined by the groundwater elevations at wells MW-25B and MW-10B was 0.0026 ft/ft in May 2013; the hydraulic gradient defined by the groundwater elevations at wells MW-25B and MW-10B was 0.0037 ft/ft in October 2013.

SECTION 3

# Groundwater Analytical Results

Twenty wells were sampled in May 2013 during the semiannual event: 16 that are typically sampled during this event (as indicated in Table 1-1), plus well MW-37A (which was installed in January 2011) and wells MW-35A, MW-36A, and PW-5, which were sampled following the recommendations contained in the *Fourth Five-Year Review Report for Synertek, Inc. (Building 1) Superfund Site, 3050 Coronado Drive, Santa Clara, California* (USEPA, 2012).

Eight wells were sampled in October 2013 during the semiannual event: two that are typically sampled during this event (as indicated in Table 1-1: PW-4 and MW-12B), plus three additional wells (MW-07A, MW-04B, and MW-37A) that were sampled as part of the post-EISB performance monitoring, as well as wells MW-35A, MW-36A, and PW-5, which were sampled to assess the apparent gradual increase of 1,1-DCE in downgradient well MW-29A. Because of ongoing access arrangement discussions, monitoring wells MW-29A and MW-33A that are typically sampled in the second semiannual groundwater monitoring event, were not sampled.

The wells were sampled using the micropurge method, consistent with the USEPA guidelines for performing micropurge sampling. All samples were analyzed for VOCs by USEPA Method 8260B. Table 3-1 summarizes the groundwater VOC analytical data collected from March 2001 through October 2013. Historical total target VOC analytical data collected prior to the beginning of the MNA investigation in 2001 are summarized in Appendix C.

Biodegradation parameters (i.e., pH, DO, and ORP) were measured in the field during the 2013 monitoring events. Samples from MW-07A, MW-37A, and MW-04B were also analyzed for EISB indicators (e.g., dissolved gases, nitrate, etc.). Table 3-2 summarizes the data collected for pH, DO, and ORP, as well as the EISB indicators, from March 2001 through October 2013.

Sampling and analytical QA/QC summary reports have been prepared for the April/May 2013 and October 2013 semiannual sampling events and are included in Appendix D. The data QA/QC review indicates that the analytical results are useable for the purpose of monitoring concentrations of chemicals in groundwater at the site.

## 3.1 Summary of Volatile Organic Compound Analytical Results

Since the GWET was shut down in 2001 and MNA monitoring began, VOC concentrations in site wells have appeared to be stable, and the plume does not appear to be expanding. Since the EISB injection event in the source area in 2011, injection area monitoring wells (MW-07A, MW-37A, and MW-04B) have shown decreases in TCE concentrations and temporary increases in vinyl chloride and ethane concentrations. The following subsections summarize VOC analytical results for 2013 during the April/May and October semiannual monitoring events.

### 3.1.1 Total Target Volatile Organic Compounds

The total target VOC concentrations detected in the A-aquifer wells ranged from non-detect (less than 0.1 μg/L) downgradient of the source area (MW-30A and MW-34A) to 178 μg/L within the source area (MW-12A).

The total target VOC concentrations detected in the B-aquifer wells were nondetect (less than 0.1 μg/L) in all wells downgradient of the source area and ranged from 20 μg/L (PW-3) to 133 μg/L (MW-04B) within the source area.

### 3.1.2 Trichloroethene

TCE is considered a parent compound released at the site. Figures 3-1 and 3-2 present A-aquifer and B-aquifer TCE distribution contours, respectively, in groundwater based on April/May and October 2013 groundwater analytical data. TCE concentrations remain above the FCS of 5 μg/L in two A-aquifer wells (MW-12A and PW-4) and in one B-aquifer well (MW-04B), as shown in Table 3-1 and in Figures 3-1 and 3-2.

TCE concentrations in the A-aquifer ranged from nondetect (less than 0.1 μg/L) to 110 μg/L. The highest TCE concentration detected in the A-aquifer was from well MW-12A (110 μg/L), which is located just downgradient of the source area. Concentration of TCE at MW-12A has remained stable since approximately 2003. MW-07A, which has historically shown TCE concentrations above FCS, has reported concentrations below the FCS since the EISB activities were conducted in early 2011 in the source area (decrease from 63 μg/L in 2010 to 1.5 μg/L in 2013). Similarly, concentrations of TCE at MW-37A decreased to below the FCS since the EISB activities were conducted in early 2011 in the source area (from 98 μg/L in early 2011 to non-detect [less than 0.1 μg/L] in 2013). Concentrations of TCE at downgradient well PW-4 were reported at levels up to 49 μg/L in 2013. It is noted that TCE has exhibited a seasonal behavior at PW-4, with higher concentrations reported during each second semiannual event since approximately 2006.

TCE concentrations in the B-aquifer ranged from non-detect (less than 0.1 μg/L) to 56 μg/L in 2013. The highest TCE concentration detected in the B-aquifer was from the October monitoring event at well MW-04B (56 μg/L), which is located in the source area. MW-04B, which has historically shown TCE concentrations above FCS, has reported lower concentrations since the EISB activities were conducted in early 2011 in the source area (decrease from 180 μg/L in 2010 to 52 μg/L in October 2013).

The Mann-Kendall test (Gilbert, 1987) was conducted to make statistical inference concerning concentration trends of TCE at the site since the GWET system was shutdown in 2001. Table 3-3 presents a summary of the Mann-Kendall trend analysis results for TCE since 2001 for all wells at the Site.

The Mann-Kendall test is a nonparametric test used to identify whether there is a statistically significant trend over the period of monitoring. The Mann-Kendall test is based on the idea that a lack of trend should correspond to a time series plot fluctuating randomly about a constant mean level, with no visually apparent upward or downward pattern (USEPA, 2009). As a nonparametric procedure, the Mann-Kendall test does not require the underlying data to follow a specific distribution. The test compares the relative magnitudes of sample data rather than the data values themselves. Data reported less than the reporting or detection limit (nondetects) can be used by assigning them a common value that is smaller than the smallest measured value in the data set (Gilbert, 1987). For this analysis, a value of 0.05 micrograms per liter (μg/L) was assigned to nondetects.

Where there was insufficient evidence for identifying a significant, nonzero trend at the 95 percent confidence level, concentrations were deemed stable if the coefficient of variation (COV) was less than 1.0. The COV is a statistical measure of how the individual data points vary about the mean value and is defined as the standard deviation divided by the sample mean. Values less than or near 1.0 indicate that the data form a relatively close group about the mean value. Values larger than 1.0 indicate that the data show a greater degree of scatter about the mean.

With the exception of three wells, no increasing or decreasing trends were noted for the wells sampled since the GWET system was shutdown in 2001. Two wells, MW-37A and PW-3, had a decreasing trend. One well, MW-33A, had an increasing trend. TCE concentrations in MW-33A have been consistently below 1 μg/L, which is well below the FCS for TCE of 5 μg/L.

### 3.1.3 1,1,1-Trichloroethane

1,1,1-TCA is considered a parent compound released at the Site. 1,1,1-TCA was detected in only two wells sampled in 2013 (MW-25A and MW-37A). All detected concentrations of 1,1,1-TCA were consistent with previous results and were well below the FCS of 200 μg/L. The detected 1,1,1-TCA concentrations ranged

between nondetect (less than 0.1 μg/L) and 0.9 μg/L in the A-aquifer; 1,1,1-TCA was not detected above the method reporting limit in any of the B-aquifer wells sampled during 2013.

### 3.1.4 Freon 113

Freon 113 is considered a parent compound released at the site. Freon 113 concentrations in all wells sampled in 2013 were well below the FCS of 1,200 μg/L. In the A-aquifer-, the detected Freon 113 concentrations ranged between 2.7 μg/L (MW-35A) and 5.9 μg/L (MW-33A). In the B-aquifer, Freon 113 was detected only at MW-04B at 5.3 μg/L.

### 3.1.5 1,1-Dichloroethene

1,1-DCE is considered an abiotic degradation daughter product of 1,1,1-TCA. Concentrations of 1,1-DCE above the FCS of 6 μg/L were reported in five A-aquifer wells (MW-12A, MW-25A, MW-29A, MW-36A, and PW-4) during 2013. 1,1-DCE concentrations in the A-aquifer ranged from non-detect (less than 0.1 μg/L) to 35 μg/L. The highest 1,1-DCE concentration detected in the A-aquifer was from wells MW-12A and MW-36A. Concentrations of 1,1-DCE at MW-12A observed in 2013 were consistent with recent previous events, as shown in Table 3-1. Concentrations of 1,1-DCE at MW-36A observed in 2013 were higher than historical concentrations, which ranged between nondetect (less than 0.1 μg/L) and 25 μg/L during the previous monitoring period, from 1991 to 2000 (see Appendix C; MW-36A was not sampled between 2001 and 2012).

As indicated in the *Fourth Five-Year Review Report for Synertek, Inc. (Building 1) Superfund Site, 3050 Coronado Drive, Santa Clara, California* (USEPA, 2012), there has been a gradual increase in 1,1-DCE in monitoring well MW-29A. The apparent gradual increase of 1,1-DCE in monitoring well MW-29A peaked at 9.8 μg/L in May 2012 after having remained at levels less than its FCS since approximately 2006; it then slightly decreased to 5 μg/L in October 2012 and was 8.2 μg/L in April 2013. In 2013, the two wells farther downgradient from MW-29A (MW-33A and MW-34A) and the three wells immediately upgradient of MW-29A (MW-35A, MW-36A, and PW-5) were sampled to evaluate the apparent gradual increase of 1,1-DCE. Based on the results, the 1,1-DCE plume does not appear to extend farther downgradient (MW-33A and MW-34A were both nondetect). However, 1,1-DCE concentrations were detected in all of the immediately upgradient wells (MW-35A, MW-36A, and PW-5) and farther upgradient at MW-12A. Therefore, concentrations of 1,1-DCE at MW-29A, MW-33A, and MW-34A will be closely monitored in future sampling events.

The only detection of 1,1-DCE in the B-aquifer in 2013 was in MW-04B at 1.5 and 4.2 μg/L in May and October 2013, respectively.

### 3.1.6 1,1-Dichloroethane

1,1-DCA is considered a biodegradation daughter product of 1,1,1-TCA. Concentrations of 1,1-DCA were reported above the FCS of 5 μg/L in six A-aquifer wells (MW-07A, MW-12A, MW-29A, MW-36A, MW-37A, and PW-4). Concentrations of 1,1-DCA in the A-aquifer ranged from non-detect (less than 0.1 μg/L) to 28 μg/L. The highest 1,1-DCA concentration detected in the A-aquifer was from well MW-12A, which is located just downgradient of the source area.

The only 1,1-DCA concentration above the FCS detected in the B-aquifer was from well MW-04B (12 μg/L in October 2013).

### 3.1.7 Cis-1,2-Dichloroethene

Cis-1,2-DCE is considered a biodegradation daughter product of TCE. There is no FCS established for cis-1,2-DCE for this site. Cis-1,2-DCE was detected in the A-aquifer at a maximum concentration of 5.9 μg/L (MW-07A) and in the B-aquifer at a maximum concentration of 170 μg/L (MW-04B) during 2013. These cis-1,2-DCE concentrations in the A- and B-aquifers may indicate that EISB is degrading TCE to cis-1,2-DCE.

### 3.1.8 Vinyl Chloride

Vinyl chloride is an anaerobic biodegradation daughter product of DCE isomers. It is well known that vinyl chloride itself is also biodegradable under a variety of conditions, aerobic or anaerobic (Bradley, 2012). Vinyl chloride concentration increases on a transient basis are not unusual following EISB carbon addition and in fact are an indication the process is working. This vinyl chloride is not typically problematic, as under anaerobic condition the vinyl chloride will degrade to ethene. Under aerobic conditions the vinyl chloride is mineralized to carbon dioxide, water, and chloride. This can happen either in the saturated zone or in the vadose zone, where vinyl chloride behaves more like a degradable petroleum hydrocarbon than most recalcitrant chlorinated solvents (Patterson et al., 2013). Vinyl chloride, its anaerobic breakdown products, and geochemical conditions are monitored both to evaluate the EISB process and as a precaution to ensure no unacceptable risk is created.

Vinyl chloride remains above the FCS of 0.5 μg/L in three A-aquifer wells (MW-07A, MW-12A, and MW-37A). Vinyl chloride concentrations in the A-aquifer ranged from nondetect (less than 0.1 μg/L) to 57 μg/L (MW-07A in October 2013). MW-07A, which has historically shown vinyl chloride concentrations slightly above FCS (steady, at less than 1 μg/L, since 2001), has shown a spike in concentrations since the EISB activities were conducted in early 2011 (increase from 0.5 μg/L in December 2010 to 57 μg/L in October 2013). Since 2001, the concentration of vinyl chloride at MW-12A has remained stable (1.6 μg/L in 2013). The concentration of vinyl chloride at MW-37A in 2013 has been the lowest observed at this well since it was installed in early 2011. It should be also noted that vinyl chloride concentrations in both MW-07A and MW-37A have been decreasing from the maximum post-EISB concentration detected in February 2012. The still relatively high concentrations of vinyl chloride observed in 2013 may indicate that degradation of chlorinated solvents has continued to occur at the site at a faster rate since EISB injections took place in 2011. Vinyl chloride concentrations in MW-07A and MW-37A will be monitored closely in 2014.

Vinyl chloride was reported above its FCS in the B-aquifer wells MW-04B at 58 μg/L and at PW-3 at 20 μg/L in 2013, which are both within the 2011 EISB injection area. MW-04B, which has historically shown unstable vinyl chloride concentrations above and below FCS (ranging from non-detect [less than 0.06 μg/L] to 5.4 μg/L since 2001, assuming the 140 μg/L result in 2002 was an anomaly), has reported an increase in concentrations since the EISB activities were conducted in early 2011 (from 0.2 μg/L in December 2010 to 58 μg/L in October 2013). Similarly, concentrations of vinyl chloride at PW-3, which has historically shown non-detect (less than 0.5 μg/L) concentrations of vinyl chloride since 2001, has reported an increase in concentrations since the EISB activities were conducted in early 2011 (from non-detect [less than 0.1 μg/L] in June 2011 to 20 μg/L in April 2013). The increasing concentrations of vinyl chloride observed in 2013 may indicate that degradation of chlorinated solvents has continued to occur at the site at a faster rate since EISB injections took place in 2011. Vinyl chloride concentrations in MW-04B and PW-3 will be monitored closely in 2014.

## 3.2 Summary of Intrinsic Biodegradation Parameters

Field measurements of intrinsic biodegradation parameters (pH, DO, and ORP) were made in 2013 from a flow cell during groundwater sampling. Laboratory analyses for intrinsic biodegradation parameters (electron acceptors, electron donors, degradation products and indicators, and nutrients) were discontinued for the semiannual monitoring per the recommendations in the 2005 Annual Report (CH2M HILL, 2006). In 2013, laboratory analyses for intrinsic biodegradation parameters were conducted on MW-07A, MW-37A, and MW-04B as part of the post-EISB performance monitoring. Table 3-2 presents the 2013 field intrinsic biodegradation parameter data collected since the investigation began in March 2001 through October 2013. It also presents the historical laboratory intrinsic biodegradation parameter data since March 2001.

### 3.2.1 pH

The pH levels collected during the April-May 2013 sampling event show this parameter ranging from of 6.49 to 8.89. The highest reading was collected at monitoring well MW-20B, which has historically shown pH values above 8.00. For the October 2013 groundwater semiannual monitoring event, pH fluctuated between 6.64 and 8.20.

### 3.2.2 Dissolved Oxygen

Oxygen is the preferred electron acceptor for microbes during the biodegradation of organic carbon. Areas of low DO concentrations (<1 milligram per liter [mg/L]) in the aquifer are indicative of anaerobic conditions. DO concentrations measured in the A- and B-aquifers during the April/May and October 2013 semiannual monitoring events ranged from 0.10 to 0.87 mg/L. Collected DO concentrations in 2013 indicate that conditions at the site are conducive to the anaerobic biotic and abiotic degradation of chlorinated VOCs throughout the plume.

### 3.2.3 Oxidation Reduction Potential

The ORP of groundwater is an indicator of the relative tendency of constituents in a solution to accept or transfer electrons. Areas of low or negative ORP in the aquifer are indicative of reducing conditions. Conversely, positive ORP values are indicative of oxidizing conditions. Field measurements of ORP in the A-aquifer ranged from 176.5 to -126.5 millivolts. ORP in the B-aquifer ranged from 11.9 to -198.0 millivolts. Overall, the ORP levels in the source area in the A- and B-aquifers are low or negative, indicating reducing conditions.

## 3.3 Other Activities

The following additional activities were performed at the Site during 2013:

- In April-May and October 2013, the EISB monitoring event at MW-07A, MW-37A, and MW-04B was conducted concurrently with the first and second semiannual groundwater monitoring events. The 2013 EISB performance evaluation report is included as Appendix E.
- CH2M HILL implemented the *Revised Vapor Intrusion Investigation Work Plan* (CH2M HILL, 2012a) in March 2013. The results of the investigation are summarized in *Vapor Intrusion Evaluation Report, March/April 2013, Former Synertek Building No. 1, 3050 Coronado Drive, Santa Clara, California, Water Board Final Site Cleanup Requirements Order No. 91-051* (CH2M HILL, 2013b). Based on the results of this investigation, it was concluded that the vapor intrusion pathway is not complete or significant under current building use and that additional sampling may be required if building use or building conditions change significantly.
- A *Focused Feasibility Study, Former Synertek Building No. 1 Facility, Santa Clara, California* (CH2M HILL 2013a) was submitted to the Water Board on September 30, 2013. This report evaluates several remedial alternatives for treating contaminated groundwater at the Site. The recommended remedy includes plume core EISB followed by MNA with institutional controls by maintaining the current deed restrictions and groundwater use restrictions prohibiting the use of the A- and B-aquifers for drinking water supply onsite. Additionally, continue with the current semiannual groundwater monitoring and sampling program, including annual reporting.

SECTION 4

# Annual Summary for 2013

Two groundwater monitoring events were performed at the site in 2013, as required in the SCR Order. The selected semiannual/annual wells, as outlined in Table 1-1, were sampled for VOCs and have been sampled at least once per year since the MNA phase of the project was initiated, in 2001. Additional samples were collected to verify the performance of the EISB treatment (Appendix E) and address recommendations in the 2012 Five-Year Review (see Section 3).

Total target VOC concentrations within the plume generally have not increased and are consistent with, or lower than, concentrations observed since 2001, when the GWET system had reached asymptotic levels. The size and location of the plume have generally remained relatively unchanged since 2001, although TCE concentrations have decreased significantly in the source area in both the A- and B-aquifers since EISB occurred in 2011. The effect of the EISB activities on the source area will continue to be monitored in 2014.

TCE, 1,1,1-TCA, and Freon 113 are considered to be the parent compounds for the Site. In the A-aquifer, TCE was reported to be above the FCS in two wells in 2013 (MW-12A and PW-4), with the highest concentration detected in the A-aquifer well, MW-12A. The concentration of TCE at MW-12A has remained generally stable since 2003. At MW-07A, where TCE concentrations historically have been above the FCS, TCE concentrations have been below the FCS since the EISB commenced in early 2011 in the source area. Similarly, concentrations of TCE at MW-37A have also been below the FCS since the EISB commenced in early 2011 in the source area. In the B-aquifer, TCE concentrations above the FCS were detected only at well MW-04B at 56 and 52 μg/L in April and October 2013, respectively. Well MW-04B is located in the source area. At MW-04B, where TCE concentrations historically have been above FCS, concentrations of TCE have been lower since the EISB activities were conducted in early 2011 in the source area. The parent compounds 1,1,1-TCA and Freon 113 were not detected above their FCSs in any of the A- or B-aquifer wells.

Two 1,1,1-TCA breakdown products, 1,1-DCA, and 1,1-DCE, were detected above their FCSs in the source area and in some of the wells downgradient of the source area. Concentrations of 1,1-DCE above its FCS of 6 μg/L were reported in five A-aquifer wells (MW-12A, MW-25A, MW-29A, MW-36A, and PW-4) during 2013. The apparent gradual increase of 1,1-DCE in monitoring well MW-29A peaked at 9.8 μg/L in May 2012 after having remained at levels less than its FCS since approximately 2006, and then slightly decreased to 5 μg/L in October 2012 and 8.2 μg/L in April 2013. The apparent increases of 1,1-DCE at MW-29A may be attributed to higher levels of 1,1-DCE reported in upgradient wells. All of the reported 1,1-DCE concentrations in the B-aquifer were below the FCS. Concentrations of 1,1-DCA were reported above the FCS of 5 μg/L in six A-aquifer wells (MW-07A, MW-12A, MW-29A, MW-36A, MW-37A, and PW-4). Concentrations of 1,1-DCA in the A-aquifer ranged from nondetect (less than 0.1 μg/L) to 28 μg/L. The highest 1,1-DCA concentration detected in the A-aquifer was from well MW-12A, which is located just downgradient of the source area. The only 1,1-DCA concentration in the B-aquifer above the FCS was reported from monitoring well MW-04B.

Two TCE breakdown products, cis-1,2-DCE and vinyl chloride, were detected during the April/May and October 2013 monitoring events. There is no FCS established for cis-1,2-DCE for this site and it was detected in the A-aquifer at a maximum concentration of 5.9 μg/L (MW-07A) and in the B-aquifer at a maximum concentration of 170 μg/L (MW-04B) during 2013. Vinyl chloride remains above the FCS of 0.5 μg/L in three A-aquifer wells (MW-07A, MW-12A, and MW-37A). Since 2001, concentrations of vinyl chloride at MW-12A have remained stable. At MW-07A and MW-37A, vinyl chloride concentrations increased after EISB commenced in early 2011, peaked in February 2012, and decreased through the rest of 2013, particularly at MW-37A. The sequential increases and decreases in the concentrations of cis-1,2-DCE and vinyl chloride and increases in ethene concentrations since 2011 indicate that EISB appears to be performing satisfactorily in the A-aquifer. Vinyl chloride concentrations in MW-07A and MW-37A will be monitored closely in 2014. In 2013, vinyl chloride concentrations were above the FCS in B-aquifer wells MW-04B and PW-3, which are

both within the 2011 EISB injection area. Vinyl chloride concentrations at both of these wells appear to be following the same pattern of sequential increases and decreases in the concentrations of cis-1,2-DCE and vinyl chloride that was observed in the A-aquifer. Additionally, the vinyl chloride concentrations observed at MW-04B and PW-3 in 2013 have been the highest concentrations observed at these two monitoring wells since the conclusion of the EISB activities in 2011.Vinyl chloride concentrations in MW-04B and PW-3 will be monitored closely in 2014.

DO predominantly has remained low over the past 9 years, indicating that conditions at the site are anaerobic. The ORP measurements in the source area in the A- and B-aquifers are generally low or negative, indicating reducing conditions. The anaerobic and reducing conditions are conducive to reductive dechlorination.

SECTION 5

# Conclusions and Recommendations

On the basis of the data collected during the 2013 groundwater monitoring events, it appears that EISB was successful in decreasing TCE concentrations in the source area, and natural attenuation of VOCs is occurring at the site, though the size of the plume has remained relatively unchanged since 2001. Recommendations for the site include the following:

- Conduct two semiannual groundwater sampling events (April and October) in 2014 at selected monitoring wells as outline on Table 5-1.
- Expand the EISB treatment area to include the area around MW-12A, as outlined in Alternative 3 of the *Focused Feasibility Study, Former Synertek Building No. 1 Facility, Santa Clara, California* (CH2M HILL 2013a). A revised groundwater remediation work plan will be prepared and submitted to the Water Board to implement the additional EISB treatment.
- Conduct concurrently with the semiannual groundwater sampling event EISB performance monitoring at monitoring wells MW-07A, MW-37A, and MW-04B, as has been done in 2012 and 2013, and expand to PW-1 (April 2014 only) and PW-3; expand the EISB performance monitoring to MW-12A, MW-17,A and MW-19A once the EISB treatment area is expanded to the MW-12A area.
- Prepare and submit a 2014 annual report summarizing the semiannual (or annual) groundwater monitoring conducted in 2014. The annual report will be submitted by January 31, 2015.

SECTION 6

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# Tables

TABLE 1-1
2013 Groundwater Sampling Schedule
*Honeywell International Inc./Former Synertek Building No. 1*
*3050 Coronado Drive, Santa Clara, California*

| Well | Aquifer | Well Type | Sampling Schedule | VOCs and Field Parameters[a] |
|---|---|---|---|---|
| MW-01A | A | U | April<br>October | X |
| MW-07A[b] | A | S | May<br>October | X<br>X |
| MW-12A | A | S | April<br>October | X |
| MW-25A | A | C | April<br>October | X |
| MW-29A | A | D | April<br>October | X<br>–[c] |
| MW-30A | A | C | April<br>October | X |
| MW-33A | A | D | April<br>October | X<br>–[c] |
| MW-34A | A | D | April<br>October | X |
| MW-35A[d] | A | D | April<br>October | X<br>X |
| MW-36A[d] | A | D | April<br>October | X<br>X |
| MW-37A[b,e] | A | S | May<br>October | X<br>X |
| PW-4 | A | D | April<br>October | X<br>X |
| PW-5[d] | A | D | April<br>October | X<br>X |
| MW-03B1 | B | D | May<br>October | X |
| MW-04B[b] | B | S | April<br>October | X<br>X |
| MW-10B | B | U | May<br>October | X |
| MW-12B | B | D | April<br>October | X<br>X |
| MW-20B | B | C | May<br>October | X |
| MW-25B | B | D | April<br>October | X |
| PW-3 | B | S | April<br>October | X |

**Notes:**

[a] DO, ORP, pH

[b] Monitoring well sampled for enhanced in-situ bioremediation (EISB) performance.

[c] Planned to be sampled during the October 2013 Groundwater Monitoring event, but not sampled due to access restrictions in adjacent property.

[d] Addition to the 2004 Modification to Self-monitoring Program (per 2012 Five-year Review recommendation). Sampled in 2013 to investigate apparent gradual increase of 1,1-DCE at MW-29A.

[e] Addition to the 2004 Modification to Self-monitoring program; installed in January 2011.

C = cross-gradient
D = downgradient
S = site
U = upgradient
VOCs = volatile organic compounds

**TABLE 2-1**
Groundwater Elevation Data (2001 to Present)
*Honeywell International Inc./Former Synertek Building No. 1*
*3050 Coronado Drive, Santa Clara, California*

| Well ID | Aquifer | Date | Top of Casing Elevation (feet) (1) | Depth to Water (feet) (2) | Water Elevation Change (feet) (3) | Groundwater Elevation (feet) (1) |
|---|---|---|---|---|---|---|
| MW-01A | A | 03/26/01 | 36.82 | 8.76 | NA | 28.06 |
| | | 06/13/01 | | 8.95 | -0.19 | 27.87 |
| | | 09/27/01 | | 8.73 | 0.22 | 28.09 |
| | | 12/11/01 | | 8.75 | -0.02 | 28.07 |
| | | 04/03/02 | | 9.06 | -0.31 | 27.76 |
| | | 07/16/02 | | 9.08 | -0.02 | 27.74 |
| | | 10/02/02 | | 9.12 | -0.04 | 27.70 |
| | | 01/08/03 | | 8.29 | 0.83 | 28.53 |
| | | 07/08/03 | | 9.06 | -0.77 | 27.76 |
| | | 09/04/03 | | 9.19 | -0.13 | 27.63 |
| | | 03/08/04 | | 8.68 | 0.51 | 28.14 |
| | | 05/23/05 | | 8.73 | NA | 28.09 |
| | | 09/15/05 | | 9.11 | -0.38 | 27.71 |
| | | 09/20/06 | | 9.09 | 0.02 | 27.73 |
| | | 11/01/06 | | 9.32 | -0.23 | 27.50 |
| | | 06/04/07 | | 9.12 | 0.20 | 27.70 |
| | | 06/25/08 | | 9.08 | NA | 27.74 |
| | | 11/20/08 | | 9.62 | -0.54 | 27.20 |
| | | 06/02/09 | | 9.46 | 0.16 | 27.36 |
| | | 12/02/09 | | NM | NA | NM |
| | | 06/21/10 | | 8.90 | NA | 27.92 |
| | | 12/01/10 | | 8.90 | 0.00 | 27.92 |
| | | 06/21/11 | | 8.80 | 0.10 | 28.02 |
| | | 11/03/11 | | 9.34 | -0.54 | 27.48 |
| | | 05/15/12 | | 8.93 | 0.41 | 27.89 |
| | | 10/17/12 | | 9.06 | -0.13 | 27.76 |
| | | 05/01/13 | | 9.25 | -0.19 | 27.57 |
| MW-02A | A | 03/26/01 | 34.67 | 7.53 | NA | 27.14 |
| | | 06/13/01 | | 7.80 | -0.27 | 26.87 |
| | | 09/27/01 | | 7.65 | 0.15 | 27.02 |
| | | 12/11/01 | | 7.67 | -0.02 | 27.00 |
| | | 04/03/02 | | 7.86 | -0.19 | 26.81 |
| | | 07/16/02 | | 7.90 | -0.04 | 26.77 |
| | | 10/02/02 | | 8.10 | -0.20 | 26.57 |
| | | 01/08/03 | | 7.11 | 0.99 | 27.56 |
| | | 07/08/03 | | 7.95 | -0.84 | 26.72 |
| | | 09/04/03 | | 8.16 | -0.21 | 26.51 |
| | | 03/08/04 | | 7.54 | 0.62 | 27.13 |
| | | 09/02/04 | | 8.12 | -0.58 | 26.55 |
| | | 05/23/05 | | 7.57 | 0.55 | 27.10 |

**TABLE 2-1**
Groundwater Elevation Data (2001 to Present)
*Honeywell International Inc./Former Synertek Building No. 1*
*3050 Coronado Drive, Santa Clara, California*

| Well ID | Aquifer | Date | Top of Casing Elevation (feet) (1) | Depth to Water (feet) (2) | Water Elevation Change (feet) (3) | Groundwater Elevation (feet) (1) |
|---|---|---|---|---|---|---|
| MW-02A | A | 09/15/05 | 34.67 | 8.13 | -0.56 | 26.54 |
| | | 09/20/06 | | 8.19 | -0.06 | 26.48 |
| | | 11/01/06 | | 8.38 | -0.19 | 26.29 |
| | | 06/04/07 | | 8.13 | 0.25 | 26.54 |
| | | 11/08/07 | | 8.74 | -0.61 | 25.93 |
| | | 06/25/08 | | 8.27 | 0.47 | 26.40 |
| | | 11/20/08 | | 8.83 | -0.56 | 25.84 |
| | | 06/02/09 | | 8.56 | 0.27 | 26.11 |
| | | 12/02/09 | | 8.76 | -0.20 | 25.91 |
| | | 06/21/10 | | 8.30 | 0.46 | 26.37 |
| | | 12/01/10 | | 8.13 | 0.17 | 26.54 |
| | | 06/20/11 | | 7.85 | 0.28 | 26.82 |
| | | 11/02/11 | | 8.53 | -0.68 | 26.14 |
| | | 05/14/12 | | 7.76 | 0.77 | 26.91 |
| | | 10/17/12 | | 8.12 | -0.36 | 26.55 |
| | | 05/01/13 | | 8.36 | -0.24 | 26.31 |
| | | 10/29/13 | | 8.84 | -0.48 | 25.83 |
| MW-03A | A | 03/26/01 | 33.64 | 6.65 | NA | 26.99 |
| | | 06/13/01 | | 6.90 | -0.25 | 26.74 |
| | | 09/27/01 | | 6.83 | 0.07 | 26.81 |
| | | 12/11/01 | | 6.86 | -0.03 | 26.78 |
| | | 04/03/02 | | 7.00 | -0.14 | 26.64 |
| | | 07/16/02 | | 7.12 | -0.12 | 26.52 |
| | | 10/02/02 | | 7.24 | -0.12 | 26.40 |
| | | 01/08/03 | | 6.28 | 0.96 | 27.36 |
| | | 07/08/03 | | 7.05 | -0.77 | 26.59 |
| | | 09/04/03 | | 7.32 | -0.27 | 26.32 |
| | | 03/08/04 | | 6.71 | 0.61 | 26.93 |
| | | 09/02/04 | | 7.30 | -0.59 | 26.34 |
| | | 05/23/05 | | 6.70 | 0.60 | 26.94 |
| | | 09/15/05 | | 7.27 | -0.57 | 26.37 |
| | | 09/20/06 | | 7.35 | -0.08 | 26.29 |
| | | 11/01/06 | | 7.52 | -0.17 | 26.12 |
| | | 06/04/07 | | 7.23 | 0.29 | 26.41 |
| | | 11/08/07 | | 7.87 | -0.64 | 25.77 |
| | | 06/25/08 | | 7.08 | 0.79 | 26.56 |
| | | 11/20/08 | | 7.99 | -0.91 | 25.65 |
| | | 06/02/09 | | 7.64 | 0.35 | 26.00 |
| | | 12/02/09 | | 7.83 | -0.19 | 25.81 |
| | | 06/21/10 | | 7.25 | 0.58 | 26.39 |

**TABLE 2-1**
Groundwater Elevation Data (2001 to Present)
*Honeywell International Inc./Former Synertek Building No. 1*
*3050 Coronado Drive, Santa Clara, California*

| Well ID | Aquifer | Date | Top of Casing Elevation (feet) (1) | Depth to Water (feet) (2) | Water Elevation Change (feet) (3) | Groundwater Elevation (feet) (1) |
|---|---|---|---|---|---|---|
| MW-03A | A | 12/01/10 | 33.64 | 7.22 | 0.03 | 26.42 |
| | | 06/21/11 | | 7.01 | 0.21 | 26.63 |
| | | 11/02/11 | | 7.74 | -0.73 | 25.90 |
| | | 05/14/12 | | 6.78 | 0.96 | 26.86 |
| | | 10/17/12 | | 7.29 | -0.51 | 26.35 |
| | | 05/01/13 | | 7.47 | -0.18 | 26.17 |
| | | 10/29/13 | | 7.91 | -0.44 | 25.73 |
| MW-07A | A | 03/26/01 | 34.11 | 7.02 | NA | 27.09 |
| | | 06/13/01 | | 7.35 | -0.33 | 26.76 |
| | | 09/27/01 | | 7.16 | 0.19 | 26.95 |
| | | 12/11/01 | | 7.15 | 0.01 | 26.96 |
| | | 04/03/02 | | 7.38 | -0.23 | 26.73 |
| | | 07/16/02 | | 7.40 | -0.02 | 26.71 |
| | | 10/02/02 | | 7.57 | -0.17 | 26.54 |
| | | 01/08/03 | | 6.61 | 0.96 | 27.50 |
| | | 07/08/03 | | 7.46 | -0.85 | 26.65 |
| | | 09/04/03 | | 7.67 | -0.21 | 26.44 |
| | | 03/08/04 | | 7.05 | 0.62 | 27.06 |
| | | 09/02/04 | | 7.61 | -0.56 | 26.50 |
| | | 05/23/05 | | 7.04 | 0.57 | 27.07 |
| | | 09/15/05 | | 7.64 | -0.60 | 26.47 |
| | | 09/20/06 | | 7.68 | -0.04 | 26.43 |
| | | 11/01/06 | | 7.85 | -0.17 | 26.26 |
| | | 06/04/07 | | 7.62 | 0.23 | 26.49 |
| | | 11/08/07 | | 8.23 | -0.61 | 25.88 |
| | | 06/25/08 | | 7.72 | 0.51 | 26.39 |
| | | 11/20/08 | | 8.33 | -0.61 | 25.78 |
| | | 06/02/09 | | 8.04 | 0.29 | 26.07 |
| | | 12/02/09 | | 8.25 | -0.21 | 25.86 |
| | | 06/21/10 | | 7.55 | 0.70 | 26.56 |
| | | 12/01/10 | | 7.63 | -0.08 | 26.48 |
| | | 06/20/11 | | 7.31 | 0.32 | 26.80 |
| | | 11/03/11 | | 7.88 | -0.57 | 26.23 |
| | | 05/14/12 | | 7.29 | 0.59 | 26.82 |
| | | 10/17/12 | | 7.64 | -0.35 | 26.47 |
| | | 05/01/13 | | 7.87 | -0.23 | 26.24 |
| | | 10/29/13 | | 8.33 | -0.46 | 25.78 |
| MW-08A | A | 03/26/01 | 34.08 | 7.00 | NA | 27.08 |
| | | 06/13/01 | | 7.28 | -0.28 | 26.80 |
| | | 09/27/01 | | 7.14 | 0.14 | 26.94 |

**TABLE 2-1**
Groundwater Elevation Data (2001 to Present)
*Honeywell International Inc./Former Synertek Building No. 1*
*3050 Coronado Drive, Santa Clara, California*

| Well ID | Aquifer | Date | Top of Casing Elevation (feet) (1) | Depth to Water (feet) (2) | Water Elevation Change (feet) (3) | Groundwater Elevation (feet) (1) |
|---|---|---|---|---|---|---|
| MW-08A | A | 12/11/01 | 34.08 | 7.15 | -0.01 | 26.93 |
| | | 04/03/02 | | 7.35 | -0.20 | 26.73 |
| | | 07/16/02 | | 7.43 | -0.08 | 26.65 |
| | | 10/02/02 | | 7.56 | -0.13 | 26.52 |
| | | 01/08/03 | | 6.61 | 0.95 | 27.47 |
| | | 07/08/03 | | 7.45 | -0.84 | 26.63 |
| | | 09/04/03 | | 7.67 | -0.22 | 26.41 |
| | | 03/08/04 | | 7.03 | 0.64 | 27.05 |
| | | 09/02/04 | | 7.62 | -0.59 | 26.46 |
| | | 05/23/05 | | 7.04 | 0.58 | 27.04 |
| | | 11/01/06 | | 7.83 | NA | 26.25 |
| | | 06/04/07 | | 7.61 | 0.22 | 26.47 |
| | | 06/25/08 | | 7.76 | NA | 26.32 |
| | | 11/20/08 | | 8.32 | -0.56 | 25.76 |
| | | 06/02/09 | | 8.03 | 0.29 | 26.05 |
| | | 12/02/09 | | 8.22 | -0.19 | 25.86 |
| | | 06/21/10 | | 7.62 | 0.60 | 26.46 |
| | | 12/01/10 | | 7.62 | 0.00 | 26.46 |
| | | 06/21/11 | | 7.35 | 0.27 | 26.73 |
| | | 11/02/11 | | 8.08 | -0.73 | 26.00 |
| | | 05/14/12 | | 7.19 | 0.89 | 26.89 |
| | | 10/17/12 | | 7.64 | -0.45 | 26.44 |
| | | 05/01/13 | | 7.80 | -0.16 | 26.28 |
| | | 10/29/13 | | 8.30 | -0.50 | 25.78 |
| MW-10A | A | 03/26/01 | 34.17 | 6.81 | NA | 27.36 |
| | | 06/13/01 | | 7.12 | -0.31 | 27.05 |
| | | 09/27/01 | | 6.90 | 0.22 | 27.27 |
| | | 12/11/01 | | 6.95 | -0.05 | 27.22 |
| | | 04/03/02 | | 7.12 | -0.17 | 27.05 |
| | | 07/16/02 | | 7.24 | -0.12 | 26.93 |
| | | 10/02/02 | | 7.36 | -0.12 | 26.81 |
| | | 01/08/03 | | 6.39 | 0.97 | 27.78 |
| | | 07/08/03 | | 7.24 | -0.85 | 26.93 |
| | | 09/04/03 | | 7.39 | -0.15 | 26.78 |
| | | 03/08/04 | | 6.82 | 0.57 | 27.35 |
| | | 05/23/05 | | 6.83 | NA | 27.34 |
| | | 09/15/05 | | 7.38 | -0.55 | 26.79 |
| | | 09/20/06 | | 7.40 | -0.02 | 26.77 |
| | | 11/01/06 | | 7.60 | -0.20 | 26.57 |
| | | 06/04/07 | | 7.35 | 0.25 | 26.82 |

**TABLE 2-1**
Groundwater Elevation Data (2001 to Present)
*Honeywell International Inc./Former Synertek Building No. 1*
*3050 Coronado Drive, Santa Clara, California*

| Well ID | Aquifer | Date | Top of Casing Elevation (feet) (1) | Depth to Water (feet) (2) | Water Elevation Change (feet) (3) | Groundwater Elevation (feet) (1) |
|---|---|---|---|---|---|---|
| MW-10A | A | 11/08/07 | 34.17 | 7.90 | -0.55 | 26.27 |
| | | 06/25/08 | | 7.40 | 0.50 | 26.77 |
| | | 11/20/08 | | 8.01 | -0.61 | 26.16 |
| | | 06/02/09 | | 7.77 | 0.24 | 26.40 |
| | | 12/02/09 | | 7.91 | -0.14 | 26.26 |
| | | 06/21/10 | | 7.22 | 0.69 | 26.95 |
| | | 12/01/10 | | 6.29 | 0.93 | 27.88 |
| | | 06/21/11 | | 7.01 | -0.72 | 27.16 |
| | | 11/02/11 | | 7.71 | -0.70 | 26.46 |
| | | 05/14/12 | | 7.02 | 0.69 | 27.15 |
| | | 10/17/12 | | 7.30 | -0.28 | 26.87 |
| | | 05/01/13 | | 7.55 | -0.25 | 26.62 |
| | | 10/30/13 | | 8.01 | -0.46 | 26.16 |
| MW-11A | A | 03/26/01 | 34.85 | 7.83 | NA | 27.02 |
| | | 06/13/01 | | 8.11 | -0.28 | 26.74 |
| | | 09/27/01 | | 7.97 | 0.14 | 26.88 |
| | | 12/11/01 | | 8.01 | -0.04 | 26.84 |
| | | 04/03/02 | | 8.19 | -0.18 | 26.66 |
| | | 07/16/02 | | 8.22 | -0.03 | 26.63 |
| | | 10/02/02 | | 8.39 | -0.17 | 26.46 |
| | | 01/08/03 | | 7.48 | 0.91 | 27.37 |
| | | 07/08/03 | | 8.29 | -0.81 | 26.56 |
| | | 09/04/03 | | 8.50 | -0.21 | 26.35 |
| | | 03/08/04 | | 7.86 | 0.64 | 26.99 |
| | | 09/02/04 | | 8.33 | -0.47 | 26.52 |
| | | 05/23/05 | | 7.87 | 0.46 | 26.98 |
| | | 09/15/05 | | 8.45 | -0.58 | 26.40 |
| | | 09/20/06 | | 8.50 | -0.05 | 26.35 |
| | | 11/01/06 | | 8.66 | -0.16 | 26.19 |
| | | 06/04/07 | | 11.41 | -2.75 | 23.44 |
| | | 11/08/07 | | 9.00 | 2.41 | 25.85 |
| | | 06/25/08 | | 8.13 | 0.87 | 26.72 |
| | | 11/20/08 | | 9.12 | -0.99 | 25.73 |
| | | 06/02/09 | | 8.83 | 0.29 | 26.02 |
| | | 12/02/09 | | 9.01 | -0.18 | 25.84 |
| | | 06/21/10 | | 8.38 | 0.63 | 26.47 |
| | | 12/01/10 | | 8.41 | -0.03 | 26.44 |
| | | 06/21/11 | | 8.18 | 0.23 | 26.67 |
| | | 11/02/11 | | 8.88 | -0.70 | 25.97 |
| | | 05/14/12 | | 8.02 | 0.86 | 26.83 |

**TABLE 2-1**
Groundwater Elevation Data (2001 to Present)
*Honeywell International Inc./Former Synertek Building No. 1*
*3050 Coronado Drive, Santa Clara, California*

| Well ID | Aquifer | Date | Top of Casing Elevation (feet) (1) | Depth to Water (feet) (2) | Water Elevation Change (feet) (3) | Groundwater Elevation (feet) (1) |
|---|---|---|---|---|---|---|
| MW-11A | A | 10/17/12 | 34.85 | 8.46 | -0.44 | 26.39 |
| | | 05/01/13 | | 8.67 | -0.21 | 26.18 |
| | | 10/29/13 | | 9.09 | -0.42 | 25.76 |
| MW-12A | A | 03/26/01 | 31.09 | 4.19 | NA | 26.90 |
| | | 06/13/01 | | 4.70 | -0.51 | 26.39 |
| | | 09/27/01 | | 4.55 | 0.15 | 26.54 |
| | | 12/11/01 | | 4.58 | -0.03 | 26.51 |
| | | 04/03/02 | | 4.75 | -0.17 | 26.34 |
| | | 07/16/02 | | 4.25 | 0.50 | 26.84 |
| | | 10/02/02 | | 5.65 | -1.40 | 25.44 |
| | | 01/08/03 | | 3.97 | 1.68 | 27.12 |
| | | 07/08/03 | | 4.80 | -0.83 | 26.29 |
| | | 09/04/03 | | 5.05 | -0.25 | 26.04 |
| | | 03/08/04 | | 4.45 | 0.60 | 26.64 |
| | | 09/02/04 | | 4.98 | -0.53 | 26.11 |
| | | 05/23/05 | | 4.43 | 0.55 | 26.66 |
| | | 09/15/05 | | 5.08 | -0.65 | 26.01 |
| | | 09/20/06 | | 5.09 | -0.01 | 26.00 |
| | | 11/01/06 | | 5.32 | -0.23 | 25.77 |
| | | 06/04/07 | | 5.02 | 0.30 | 26.07 |
| | | 11/08/07 | | 5.72 | -0.70 | 25.37 |
| | | 06/25/08 | | 5.44 | 0.28 | 25.65 |
| | | 11/20/08 | | 5.85 | -0.41 | 25.24 |
| | | 06/02/09 | | 5.51 | 0.34 | 25.58 |
| | | 12/02/09 | | 5.65 | -0.14 | 25.44 |
| | | 06/21/10 | | 5.02 | 0.63 | 26.07 |
| | | 12/01/10 | | 5.08 | -0.06 | 26.01 |
| | | 06/20/11 | | 4.76 | 0.32 | 26.33 |
| | | 11/03/11 | | 5.55 | -0.79 | 25.54 |
| | | 05/14/12 | | 4.52 | 1.03 | 26.57 |
| | | 10/17/12 | | 5.02 | -0.50 | 26.07 |
| | | 05/02/13 | | 5.28 | -0.26 | 25.81 |
| | | 10/30/13 | | 5.76 | -0.48 | 25.33 |
| MW-14A | A | 03/26/01 | 34.06 | 6.92 | NA | 27.14 |
| | | 06/13/01 | | 7.13 | -0.21 | 26.93 |
| | | 09/27/01 | | 6.80 | 0.33 | 27.26 |
| | | 12/11/01 | | 7.00 | -0.20 | 27.06 |
| | | 04/03/02 | | 7.26 | -0.26 | 26.80 |
| | | 07/16/02 | | 6.62 | 0.64 | 27.44 |
| | | 10/02/02 | | 7.21 | -0.59 | 26.85 |

**TABLE 2-1**
Groundwater Elevation Data (2001 to Present)
*Honeywell International Inc./Former Synertek Building No. 1*
*3050 Coronado Drive, Santa Clara, California*

| Well ID | Aquifer | Date | Top of Casing Elevation (feet) (1) | Depth to Water (feet) (2) | Water Elevation Change (feet) (3) | Groundwater Elevation (feet) (1) |
|---|---|---|---|---|---|---|
| MW-14A | A | 01/08/03 | 34.06 | 6.42 | 0.79 | 27.64 |
| | | 07/08/03 | | 7.19 | -0.77 | 26.87 |
| | | 09/04/03 | | 7.48 | -0.29 | 26.58 |
| | | 03/08/04 | | 6.95 | 0.53 | 27.11 |
| | | 09/02/04 | | 7.22 | -0.27 | 26.84 |
| | | 05/23/05 | | 6.93 | 0.29 | 27.13 |
| | | 09/15/05 | | 7.53 | -0.60 | 26.53 |
| | | 09/20/06 | | 7.50 | 0.03 | 26.56 |
| | | 11/01/06 | | 7.77 | -0.27 | 26.29 |
| | | 06/04/07 | | 7.54 | 0.23 | 26.52 |
| | | 11/08/07 | | 8.15 | -0.61 | 25.91 |
| | | 06/25/08 | | 7.92 | 0.23 | 26.14 |
| | | 11/20/08 | | 8.26 | -0.34 | 25.80 |
| | | 06/02/09 | | 7.98 | 0.28 | 26.08 |
| | | 12/02/09 | | 8.15 | -0.17 | 25.91 |
| | | 06/21/10 | | 7.45 | 0.70 | 26.61 |
| | | 12/01/10 | | 7.50 | -0.05 | 26.56 |
| | | 06/20/11 | | 7.18 | 0.32 | 26.88 |
| | | 11/03/11 | | 7.89 | -0.71 | 26.17 |
| | | 05/14/12 | | 7.20 | 0.69 | 26.86 |
| | | 10/17/12 | | 7.40 | -0.20 | 26.66 |
| | | 05/01/13 | | 7.75 | -0.35 | 26.31 |
| | | 10/30/13 | | 8.19 | -0.44 | 25.87 |
| MW-15A | A | 03/26/01 | 34.29 | 7.80 | NA | 26.49 |
| | | 06/13/01 | | 8.10 | -0.30 | 26.19 |
| | | 09/27/01 | | 7.90 | 0.20 | 26.39 |
| | | 12/11/01 | | 7.99 | -0.09 | 26.30 |
| | | 04/03/02 | | 8.15 | -0.16 | 26.14 |
| | | 07/16/02 | | 8.32 | -0.17 | 25.97 |
| | | 10/02/02 | | 8.52 | -0.20 | 25.77 |
| | | 01/08/03 | | 7.32 | 1.20 | 26.97 |
| | | 07/08/03 | | 8.05 | -0.73 | 26.24 |
| | | 09/04/03 | | 8.43 | -0.38 | 25.86 |
| | | 03/08/04 | | 7.85 | 0.58 | 26.44 |
| | | 09/02/04 | | 8.28 | -0.43 | 26.01 |
| | | 05/23/05 | | 7.88 | 0.40 | 26.41 |
| | | 09/15/05 | | 8.57 | -0.69 | 25.72 |
| | | 11/01/06 | | 8.89 | NA | 25.40 |
| | | 11/08/07 | | 9.32 | NA | 24.97 |
| | | 06/25/08 | | 9.12 | 0.20 | 25.17 |

**TABLE 2-1**
Groundwater Elevation Data (2001 to Present)
*Honeywell International Inc./Former Synertek Building No. 1*
*3050 Coronado Drive, Santa Clara, California*

| Well ID | Aquifer | Date | Top of Casing Elevation (feet) (1) | Depth to Water (feet) (2) | Water Elevation Change (feet) (3) | Groundwater Elevation (feet) (1) |
|---|---|---|---|---|---|---|
| MW-15A | A | 11/20/08 | 34.29 | 9.41 | -0.29 | 24.88 |
| | | 06/02/09 | | 9.07 | 0.34 | 25.22 |
| | | 12/02/09 | | 9.20 | -0.13 | 25.09 |
| | | 06/21/10 | | 8.51 | 0.69 | 25.78 |
| | | 12/01/10 | | 8.56 | -0.05 | 25.73 |
| | | 06/21/11 | | 8.23 | 0.33 | 26.06 |
| | | 11/02/11 | | 9.07 | -0.84 | 25.22 |
| | | 05/14/12 | | 8.11 | 0.96 | 26.18 |
| | | 10/18/12 | | 8.67 | -0.56 | 25.62 |
| | | 05/01/13 | | 8.81 | -0.14 | 25.48 |
| MW-17A | A | 03/26/01 | 34.41 | 8.00 | NA | 26.41 |
| | | 09/27/01 | | 8.35 | NA | 26.06 |
| | | 12/11/01 | | 8.32 | 0.03 | 26.09 |
| | | 04/03/02 | | 8.42 | -0.10 | 25.99 |
| | | 07/16/02 | | 8.58 | -0.16 | 25.83 |
| | | 10/02/02 | | 8.72 | -0.14 | 25.69 |
| | | 01/08/03 | | 7.72 | 1.00 | 26.69 |
| | | 07/08/03 | | 8.45 | -0.73 | 25.96 |
| | | 09/04/03 | | 8.78 | -0.33 | 25.63 |
| | | 03/08/04 | | 8.15 | 0.63 | 26.26 |
| | | 09/02/04 | | 8.84 | -0.69 | 25.57 |
| | | 05/23/05 | | 8.08 | 0.76 | 26.33 |
| | | 09/15/05 | | 8.76 | -0.68 | 25.65 |
| | | 09/20/06 | | 8.83 | -0.07 | 25.58 |
| | | 11/01/06 | | 9.03 | -0.20 | 25.38 |
| | | 06/04/07 | | 8.68 | 0.35 | 25.73 |
| | | 11/08/07 | | 9.42 | -0.74 | 24.99 |
| | | 06/25/08 | | 9.16 | 0.26 | 25.25 |
| | | 11/20/08 | | 9.57 | -0.41 | 24.84 |
| | | 06/02/09 | | 9.16 | 0.41 | 25.25 |
| | | 12/02/09 | | 9.40 | -0.24 | 25.01 |
| | | 06/21/10 | | 8.85 | 0.55 | 25.56 |
| | | 12/01/10 | | 8.79 | 0.06 | 25.62 |
| | | 06/21/11 | | 8.45 | 0.34 | 25.96 |
| | | 11/03/11 | | 9.39 | -0.94 | 25.02 |
| | | 05/14/12 | | 8.02 | 1.37 | 26.39 |
| | | 10/17/12 | | NM | NA | NM |
| | | 05/01/13 | | 8.97 | NA | 25.44 |
| | | 10/30/13 | | 9.55 | -0.58 | 24.86 |
| MW-18A | A | 03/26/01 | 34.82 | 8.43 | NA | 26.39 |

**TABLE 2-1**
Groundwater Elevation Data (2001 to Present)
*Honeywell International Inc./Former Synertek Building No. 1*
*3050 Coronado Drive, Santa Clara, California*

| Well ID | Aquifer | Date | Top of Casing Elevation (feet) (1) | Depth to Water (feet) (2) | Water Elevation Change (feet) (3) | Groundwater Elevation (feet) (1) |
|---|---|---|---|---|---|---|
| MW-18A | A | 09/27/01 | 34.82 | 8.80 | NA | 26.02 |
| | | 12/11/01 | | 8.73 | 0.07 | 26.09 |
| | | 04/03/02 | | 8.82 | -0.09 | 26.00 |
| | | 07/16/02 | | 9.00 | -0.18 | 25.82 |
| | | 10/02/02 | | 9.09 | -0.09 | 25.73 |
| | | 01/08/03 | | 8.21 | 0.88 | 26.61 |
| | | 07/08/03 | | 8.92 | -0.71 | 25.90 |
| | | 09/04/03 | | 9.18 | -0.26 | 25.64 |
| | | 03/08/04 | | 8.57 | 0.61 | 26.25 |
| | | 09/02/04 | | 9.24 | -0.67 | 25.58 |
| | | 05/23/05 | | 8.51 | 0.73 | 26.31 |
| | | 09/15/05 | | 9.10 | -0.59 | 25.72 |
| | | 09/20/06 | | 9.25 | -0.15 | 25.57 |
| | | 11/01/06 | | 9.40 | -0.15 | 25.42 |
| | | 06/04/07 | | 9.07 | 0.33 | 25.75 |
| | | 11/08/07 | | 9.74 | -0.67 | 25.08 |
| | | 06/25/08 | | 9.42 | 0.32 | 25.40 |
| | | 11/20/08 | | 9.94 | -0.52 | 24.88 |
| | | 06/02/09 | | 9.48 | 0.46 | 25.34 |
| | | 12/02/09 | | 9.75 | -0.27 | 25.07 |
| | | 06/21/10 | | 9.24 | 0.51 | 25.58 |
| | | 12/01/10 | | 9.22 | 0.02 | 25.60 |
| | | 06/21/11 | | 8.85 | 0.37 | 25.97 |
| | | 11/03/11 | | 9.75 | -0.90 | 25.07 |
| | | 05/14/12 | | 8.40 | 1.35 | 26.42 |
| | | 10/17/12 | | NM | NA | NM |
| | | 05/01/13 | | 9.40 | NA | 25.42 |
| | | 10/30/13 | | 9.93 | -0.53 | 24.89 |
| MW-19A | A | 03/26/01 | 34.85 | 8.32 | NA | 26.53 |
| | | 09/27/01 | | 8.60 | NA | 26.25 |
| | | 12/11/01 | | 8.60 | 0.00 | 26.25 |
| | | 04/03/02 | | 8.70 | -0.10 | 26.15 |
| | | 07/16/02 | | 8.78 | -0.08 | 26.07 |
| | | 10/02/02 | | 8.96 | -0.18 | 25.89 |
| | | 01/08/03 | | 7.95 | 1.01 | 26.90 |
| | | 07/08/03 | | 8.75 | -0.80 | 26.10 |
| | | 09/04/03 | | 9.04 | -0.29 | 25.81 |
| | | 03/08/04 | | 8.42 | 0.62 | 26.43 |
| | | 09/02/04 | | 9.02 | -0.60 | 25.83 |
| | | 05/23/05 | | 8.41 | 0.61 | 26.44 |

**TABLE 2-1**
Groundwater Elevation Data (2001 to Present)
*Honeywell International Inc./Former Synertek Building No. 1*
*3050 Coronado Drive, Santa Clara, California*

| Well ID | Aquifer | Date | Top of Casing Elevation (feet) (1) | Depth to Water (feet) (2) | Water Elevation Change (feet) (3) | Groundwater Elevation (feet) (1) |
|---|---|---|---|---|---|---|
| MW-19A | A | 09/15/05 | 34.85 | 9.06 | -0.65 | 25.79 |
| | | 11/01/06 | | 9.33 | NA | 25.52 |
| | | 06/04/07 | | 9.00 | 0.33 | 25.85 |
| | | 11/08/07 | | 9.72 | -0.72 | 25.13 |
| | | 06/25/08 | | 9.55 | 0.17 | 25.30 |
| | | 11/20/08 | | 9.88 | -0.33 | 24.97 |
| | | 06/02/09 | | 9.52 | 0.36 | 25.33 |
| | | 12/04/09 | | 9.75 | -0.23 | 25.10 |
| | | 06/21/10 | | 9.14 | 0.61 | 25.71 |
| | | 12/01/10 | | 9.13 | 0.01 | 25.72 |
| | | 06/21/11 | | 8.77 | 0.36 | 26.08 |
| | | 11/03/11 | | 9.61 | -0.84 | 25.24 |
| | | 05/14/12 | | 8.45 | 1.16 | 26.40 |
| | | 10/17/12 | | NM | NA | NM |
| | | 05/01/13 | | 9.35 | NA | 25.50 |
| | | 10/30/13 | | 9.90 | -0.55 | 24.95 |
| MW-21A | A | 03/26/01 | 33.64 | 6.40 | NA | 27.24 |
| | | 06/13/01 | | 6.70 | -0.30 | 26.94 |
| | | 09/27/01 | | 6.50 | 0.20 | 27.14 |
| | | 12/11/01 | | 6.51 | -0.01 | 27.13 |
| | | 04/03/02 | | 6.73 | -0.22 | 26.91 |
| | | 07/16/02 | | 6.77 | -0.04 | 26.87 |
| | | 10/02/02 | | 6.95 | -0.18 | 26.69 |
| | | 01/08/03 | | 5.98 | 0.97 | 27.66 |
| | | 07/08/03 | | 6.82 | -0.84 | 26.82 |
| | | 09/04/03 | | 7.03 | -0.21 | 26.61 |
| | | 03/08/04 | | 6.39 | 0.64 | 27.25 |
| | | 09/02/04 | | 7.00 | -0.61 | 26.64 |
| | | 05/23/05 | | 6.43 | 0.57 | 27.21 |
| | | 09/15/05 | | 6.98 | -0.55 | 26.66 |
| | | 09/20/06 | | 7.02 | -0.04 | 26.62 |
| | | 11/01/06 | | 7.17 | -0.15 | 26.47 |
| | | 06/04/07 | | 6.96 | 0.21 | 26.68 |
| | | 11/08/07 | | 7.57 | -0.61 | 26.07 |
| | | 06/25/08 | | 7.10 | 0.47 | 26.54 |
| | | 11/20/08 | | 7.63 | -0.53 | 26.01 |
| | | 06/02/09 | | 7.38 | 0.25 | 26.26 |
| | | 12/02/09 | | 7.54 | -0.16 | 26.10 |
| | | 06/21/10 | | 6.93 | 0.61 | 26.71 |
| | | 12/01/10 | | 6.96 | -0.03 | 26.68 |

**TABLE 2-1**
Groundwater Elevation Data (2001 to Present)
*Honeywell International Inc./Former Synertek Building No. 1*
*3050 Coronado Drive, Santa Clara, California*

| Well ID | Aquifer | Date | Top of Casing Elevation (feet) (1) | Depth to Water (feet) (2) | Water Elevation Change (feet) (3) | Groundwater Elevation (feet) (1) |
|---|---|---|---|---|---|---|
| MW-21A | A | 06/21/11 | 33.64 | 6.67 | 0.29 | 26.97 |
| | | 11/03/11 | | 7.21 | -0.54 | 26.43 |
| | | 05/14/12 | | 6.59 | 0.62 | 27.05 |
| | | 10/17/12 | | 6.92 | -0.33 | 26.72 |
| | | 05/01/13 | | 7.15 | -0.23 | 26.49 |
| | | 10/30/13 | | 7.62 | -0.47 | 26.02 |
| MW-24A | A | 03/26/01 | 34.81 | 8.95 | NA | 25.86 |
| | | 09/27/01 | | 9.55 | NA | 25.26 |
| | | 12/11/01 | | 9.40 | 0.15 | 25.41 |
| | | 04/03/02 | | 9.42 | -0.02 | 25.39 |
| | | 07/16/02 | | 9.68 | -0.26 | 25.13 |
| | | 10/02/02 | | 9.81 | -0.13 | 25.00 |
| | | 01/08/03 | | 8.87 | 0.94 | 25.94 |
| | | 07/08/03 | | 9.56 | -0.69 | 25.25 |
| | | 09/04/03 | | 9.82 | -0.26 | 24.99 |
| | | 03/08/04 | | 9.15 | 0.67 | 25.66 |
| | | 09/02/04 | | 9.97 | -0.82 | 24.84 |
| | | 05/23/05 | | 9.16 | 0.81 | 25.65 |
| | | 09/15/05 | | 9.73 | -0.57 | 25.08 |
| | | 09/20/06 | | 9.87 | -0.14 | 24.94 |
| | | 11/01/06 | | 10.04 | -0.17 | 24.77 |
| | | 06/04/07 | | 9.72 | 0.32 | 25.09 |
| | | 11/08/07 | | 10.20 | -0.48 | 24.61 |
| | | 06/25/08 | | 10.23 | -0.03 | 24.58 |
| | | 11/20/08 | | 10.60 | -0.37 | 24.21 |
| | | 06/02/09 | | 10.09 | 0.51 | 24.72 |
| | | 12/02/09 | | 10.35 | -0.26 | 24.46 |
| | | 06/21/10 | | 9.84 | 0.51 | 24.97 |
| | | 12/01/10 | | 9.84 | 0.00 | 24.97 |
| | | 06/21/11 | | 9.37 | 0.47 | 25.44 |
| | | 11/03/11 | | 10.30 | -0.93 | 24.51 |
| | | 05/14/12 | | NM | NA | NM |
| | | 10/17/12 | | NM | NA | NM |
| MW-25A | A | 09/27/01 | 34.29 | 9.13 | NA | 25.16 |
| | | 12/11/01 | | 8.90 | 0.23 | 25.39 |
| | | 04/03/02 | | 9.03 | -0.13 | 25.26 |
| | | 07/16/02 | | 9.45 | -0.42 | 24.84 |
| | | 10/02/02 | | 9.58 | -0.13 | 24.71 |
| | | 01/08/03 | | 8.26 | 1.32 | 26.03 |
| | | 07/08/03 | | 9.03 | -0.77 | 25.26 |

**TABLE 2-1**
Groundwater Elevation Data (2001 to Present)
*Honeywell International Inc./Former Synertek Building No. 1*
*3050 Coronado Drive, Santa Clara, California*

| Well ID | Aquifer | Date | Top of Casing Elevation (feet) (1) | Depth to Water (feet) (2) | Water Elevation Change (feet) (3) | Groundwater Elevation (feet) (1) |
|---|---|---|---|---|---|---|
| MW-25A | A | 09/04/03 | 34.29 | 9.38 | -0.35 | 24.91 |
| | | 03/08/04 | | 8.69 | 0.69 | 25.60 |
| | | 09/02/04 | | 9.57 | -0.88 | 24.72 |
| | | 05/23/05 | | 8.72 | 0.85 | 25.57 |
| | | 09/15/05 | | 9.56 | -0.84 | 24.73 |
| | | 09/20/06 | | 9.58 | -0.02 | 24.71 |
| | | 11/01/06 | | 9.80 | -0.22 | 24.49 |
| | | 06/04/07 | | 9.52 | 0.28 | 24.77 |
| | | 11/08/07 | | 10.32 | -0.80 | 23.97 |
| | | 06/25/08 | | 10.17 | 0.15 | 24.12 |
| | | 11/20/08 | | 10.42 | -0.25 | 23.87 |
| | | 06/02/09 | | 10.02 | 0.40 | 24.27 |
| | | 12/29/09 | | 10.15 | -0.13 | 24.14 |
| | | 06/21/10 | | 9.50 | 0.65 | 24.79 |
| | | 12/01/10 | | 9.56 | -0.06 | 24.73 |
| | | 06/21/11 | | 9.18 | 0.38 | 25.11 |
| | | 11/03/11 | | 10.01 | -0.83 | 24.28 |
| | | 05/15/12 | | 9.02 | 0.99 | 25.27 |
| | | 10/17/12 | | NM | NA | NM |
| | | 05/02/13 | | 10.70 | NA | 23.59 |
| | | 10/30/13 | | 10.43 | 0.27 | 23.86 |
| MW-26A | A | 03/26/01 | 34.01 | 9.50 | NA | 24.51 |
| | | 09/27/01 | | 10.15 | NA | 23.86 |
| | | 12/11/01 | | 9.75 | 0.40 | 24.26 |
| | | 04/03/02 | | 9.87 | -0.12 | 24.14 |
| | | 07/16/02 | | 10.41 | -0.54 | 23.60 |
| | | 10/02/02 | | 10.56 | -0.15 | 23.45 |
| | | 01/08/03 | | 9.24 | 1.32 | 24.77 |
| | | 07/08/03 | | 9.71 | -0.47 | 24.30 |
| | | 09/04/03 | | 10.03 | -0.32 | 23.98 |
| | | 03/08/04 | | 9.42 | 0.61 | 24.59 |
| | | 09/02/04 | | 10.52 | -1.10 | 23.49 |
| | | 05/23/05 | | 9.46 | 1.06 | 24.55 |
| | | 09/15/05 | | 10.36 | -0.90 | 23.65 |
| | | 09/20/06 | | 10.37 | -0.01 | 23.64 |
| | | 11/01/06 | | 10.53 | -0.16 | 23.48 |
| | | 06/04/07 | | 10.24 | 0.29 | 23.77 |
| | | 11/08/07 | | 11.12 | -0.88 | 22.89 |
| | | 06/25/08 | | 11.02 | 0.10 | 22.99 |
| | | 11/20/08 | | 11.31 | -0.29 | 22.70 |

**TABLE 2-1**
Groundwater Elevation Data (2001 to Present)
*Honeywell International Inc./Former Synertek Building No. 1*
*3050 Coronado Drive, Santa Clara, California*

| Well ID | Aquifer | Date | Top of Casing Elevation (feet) (1) | Depth to Water (feet) (2) | Water Elevation Change (feet) (3) | Groundwater Elevation (feet) (1) |
|---|---|---|---|---|---|---|
| MW-26A | A | 06/02/09 | 34.01 | 10.89 | 0.42 | 23.12 |
| | | 12/02/09 | | 10.95 | -0.06 | 23.06 |
| | | 06/21/10 | | 10.36 | 0.59 | 23.65 |
| | | 12/01/10 | | 10.43 | -0.07 | 23.58 |
| | | 06/21/11 | | 10.06 | 0.37 | 23.95 |
| | | 11/03/11 | | 10.92 | -0.86 | 23.09 |
| | | 05/15/12 | | 9.81 | 1.11 | 24.20 |
| | | 10/18/12 | | 10.66 | -0.85 | 23.35 |
| | | 05/02/13 | | 10.51 | 0.15 | 23.50 |
| | | 10/30/13 | | 11.29 | -0.78 | 22.72 |
| MW-27A | A | 03/26/01 | 33.6 | 6.80 | NA | 26.80 |
| | | 06/13/01 | | 7.12 | -0.32 | 26.48 |
| | | 04/03/02 | | 7.15 | NA | 26.45 |
| | | 07/16/02 | | 7.37 | -0.22 | 26.23 |
| | | 10/02/02 | | 7.42 | -0.05 | 26.18 |
| | | 01/08/03 | | 6.58 | 0.84 | 27.02 |
| | | 07/08/03 | | 7.34 | -0.76 | 26.26 |
| | | 09/04/03 | | 7.45 | -0.11 | 26.15 |
| | | 03/08/04 | | 6.88 | 0.57 | 26.72 |
| | | 09/02/04 | | 7.48 | -0.60 | 26.12 |
| | | 05/23/05 | | 6.88 | 0.60 | 26.72 |
| | | 09/15/05 | | 7.40 | -0.52 | 26.20 |
| | | 09/20/06 | | 7.50 | -0.10 | 26.10 |
| | | 11/01/06 | | 7.60 | -0.10 | 26.00 |
| | | 06/04/07 | | 7.32 | 0.28 | 26.28 |
| | | 11/08/07 | | 7.89 | -0.57 | 25.71 |
| | | 06/25/08 | | 7.27 | 0.62 | 26.33 |
| | | 11/20/08 | | 8.03 | -0.76 | 25.57 |
| | | 06/02/09 | | 7.69 | 0.34 | 25.91 |
| | | 12/02/09 | | 7.86 | -0.17 | 25.74 |
| | | 06/21/10 | | 7.39 | 0.47 | 26.21 |
| | | 12/01/10 | | 7.40 | -0.01 | 26.20 |
| | | 06/21/11 | | 7.16 | 0.24 | 26.44 |
| | | 11/03/11 | | 7.85 | -0.69 | 25.75 |
| | | 05/15/12 | | 6.85 | 1.00 | 26.75 |
| | | 10/17/12 | | NM | NA | NM |
| | | 05/01/13 | | 7.55 | NA | 26.05 |
| | | 10/30/13 | | 8.09 | -0.54 | 25.51 |
| MW-28A | A | 03/26/01 | 31.34 | 8.70 | NA | 22.64 |
| | | 06/13/01 | | 9.26 | -0.56 | 22.08 |

**TABLE 2-1**
Groundwater Elevation Data (2001 to Present)
*Honeywell International Inc./Former Synertek Building No. 1*
*3050 Coronado Drive, Santa Clara, California*

| Well ID | Aquifer | Date | Top of Casing Elevation (feet) (1) | Depth to Water (feet) (2) | Water Elevation Change (feet) (3) | Groundwater Elevation (feet) (1) |
|---|---|---|---|---|---|---|
| MW-28A | A | 09/27/01 | 31.34 | 9.45 | -0.19 | 21.89 |
| | | 12/11/01 | | 9.00 | 0.45 | 22.34 |
| | | 04/03/02 | | 9.02 | -0.02 | 22.32 |
| | | 07/16/02 | | 9.75 | -0.73 | 21.59 |
| | | 10/02/02 | | 9.75 | 0.00 | 21.59 |
| | | 01/08/03 | | 8.62 | 1.13 | 22.72 |
| | | 07/08/03 | | 8.89 | -0.27 | 22.45 |
| | | 09/04/03 | | 9.37 | -0.48 | 21.97 |
| | | 03/08/04 | | 8.55 | 0.82 | 22.79 |
| | | 09/02/04 | | 9.73 | -1.18 | 21.61 |
| | | 05/23/05 | | 8.59 | 1.14 | 22.75 |
| | | 09/15/05 | | 9.50 | -0.91 | 21.84 |
| | | 09/20/06 | | 9.70 | -0.20 | 21.64 |
| | | 11/01/06 | | 9.78 | -0.08 | 21.56 |
| | | 06/04/07 | | 9.49 | 0.29 | 21.85 |
| | | 11/08/07 | | 10.48 | -0.99 | 20.86 |
| | | 06/25/08 | | 10.32 | 0.16 | 21.02 |
| | | 11/20/08 | | 10.60 | -0.28 | 20.74 |
| | | 06/02/09 | | 10.09 | 0.51 | 21.25 |
| | | 12/02/09 | | 10.24 | -0.15 | 21.10 |
| | | 06/21/10 | | 9.60 | 0.64 | 21.74 |
| | | 12/01/10 | | 9.68 | -0.08 | 21.66 |
| | | 06/21/11 | | 9.27 | 0.41 | 22.07 |
| | | 11/03/11 | | 10.11 | -0.84 | 21.23 |
| | | 05/15/12 | | 9.08 | 1.03 | 22.26 |
| | | 10/18/12 | | 9.95 | -0.87 | 21.39 |
| | | 05/02/13 | | 9.68 | 0.27 | 21.66 |
| MW-29A | A | 03/26/01 | 29.71 | 6.85 | NA | 22.86 |
| | | 06/13/01 | | 7.40 | -0.55 | 22.31 |
| | | 09/27/01 | | 7.60 | -0.20 | 22.11 |
| | | 12/11/01 | | 7.20 | 0.40 | 22.51 |
| | | 04/03/02 | | 7.21 | -0.01 | 22.50 |
| | | 07/16/02 | | 7.80 | -0.59 | 21.91 |
| | | 10/02/02 | | 7.83 | -0.03 | 21.88 |
| | | 01/08/03 | | 6.72 | 1.11 | 22.99 |
| | | 07/08/03 | | 6.85 | -0.13 | 22.86 |
| | | 09/04/03 | | 7.42 | -0.57 | 22.29 |
| | | 03/08/04 | | 6.74 | 0.68 | 22.97 |
| | | 09/02/04 | | 7.80 | -1.06 | 21.91 |
| | | 05/23/05 | | 6.74 | 1.06 | 22.97 |

**TABLE 2-1**
Groundwater Elevation Data (2001 to Present)
*Honeywell International Inc./Former Synertek Building No. 1*
*3050 Coronado Drive, Santa Clara, California*

| Well ID | Aquifer | Date | Top of Casing Elevation (feet) (1) | Depth to Water (feet) (2) | Water Elevation Change (feet) (3) | Groundwater Elevation (feet) (1) |
|---|---|---|---|---|---|---|
| MW-29A | A | 09/15/05 | 29.71 | 7.60 | -0.86 | 22.11 |
| | | 09/20/06 | | 7.72 | -0.12 | 21.99 |
| | | 11/01/06 | | 7.89 | -0.17 | 21.82 |
| | | 06/04/07 | | 7.56 | 0.33 | 22.15 |
| | | 11/08/07 | | 8.53 | -0.97 | 21.18 |
| | | 06/25/08 | | 8.28 | 0.25 | 21.43 |
| | | 11/20/08 | | 8.67 | -0.39 | 21.04 |
| | | 06/02/09 | | 8.14 | 0.53 | 21.57 |
| | | 12/02/09 | | 8.39 | -0.25 | 21.32 |
| | | 06/21/10 | | 7.66 | 0.73 | 22.05 |
| | | 12/01/10 | | 7.81 | -0.15 | 21.90 |
| | | 06/21/11 | | 7.44 | 0.37 | 22.27 |
| | | 11/03/11 | | 8.32 | -0.88 | 21.39 |
| | | 05/15/12 | | 7.24 | 1.08 | 22.47 |
| | | 10/17/12 | | 8.09 | -0.85 | 21.62 |
| | | 05/02/13 | | 7.84 | 0.25 | 21.87 |
| MW-30A | A | 09/27/01 | 33.70 | 9.43 | NA | 24.27 |
| | | 12/11/01 | | 9.80 | -0.37 | 23.90 |
| | | 04/03/02 | | 9.17 | 0.63 | 24.53 |
| | | 07/16/02 | | 9.48 | -0.31 | 24.22 |
| | | 10/02/02 | | 9.66 | -0.18 | 24.04 |
| | | 01/08/03 | | 8.68 | 0.98 | 25.02 |
| | | 07/08/03 | | 9.25 | -0.57 | 24.45 |
| | | 09/04/03 | | 9.52 | -0.27 | 24.18 |
| | | 03/08/04 | | 8.85 | 0.67 | 24.85 |
| | | 09/02/04 | | 9.81 | -0.96 | 23.89 |
| | | 05/23/05 | | 8.88 | 0.93 | 24.82 |
| | | 09/15/05 | | 9.51 | -0.63 | 24.19 |
| | | 09/20/06 | | 9.62 | -0.11 | 24.08 |
| | | 11/01/06 | | 9.82 | -0.20 | 23.88 |
| | | 06/04/07 | | 9.50 | 0.32 | 24.20 |
| | | 11/08/07 | | 10.23 | -0.73 | 23.47 |
| | | 06/25/08 | | 10.09 | 0.14 | 23.61 |
| | | 11/20/08 | | 10.49 | -0.40 | 23.21 |
| | | 06/02/09 | | 9.96 | 0.53 | 23.74 |
| | | 12/02/09 | | 10.15 | -0.19 | 23.55 |
| | | 06/21/10 | | 9.65 | 0.50 | 24.05 |
| | | 12/01/10 | | 9.66 | -0.01 | 24.04 |
| | | 06/21/11 | | 9.22 | 0.44 | 24.48 |
| | | 11/03/11 | | 10.30 | -1.08 | 23.40 |

**TABLE 2-1**
Groundwater Elevation Data (2001 to Present)
*Honeywell International Inc./Former Synertek Building No. 1*
*3050 Coronado Drive, Santa Clara, California*

| Well ID | Aquifer | Date | Top of Casing Elevation (feet) (1) | Depth to Water (feet) (2) | Water Elevation Change (feet) (3) | Groundwater Elevation (feet) (1) |
|---|---|---|---|---|---|---|
| MW-30A | A | 05/15/12 | 33.70 | 9.01 | 1.29 | 24.69 |
| | | 10/17/12 | | NM | NA | NM |
| | | 05/02/13 | | 10.82 | NA | 22.88 |
| | | 10/30/13 | | 10.56 | 0.26 | 23.14 |
| MW-33A | A | 03/26/01 | 26.99 | 7.85 | NA | 19.14 |
| | | 06/13/01 | | 8.10 | -0.25 | 18.89 |
| | | 09/27/01 | | 8.45 | -0.35 | 18.54 |
| | | 12/11/01 | | 8.12 | 0.33 | 18.87 |
| | | 04/03/02 | | 8.10 | 0.02 | 18.89 |
| | | 07/16/02 | | 8.52 | -0.42 | 18.47 |
| | | 10/02/02 | | 8.54 | -0.02 | 18.45 |
| | | 01/08/03 | | 7.78 | 0.76 | 19.21 |
| | | 07/08/03 | | 7.99 | -0.21 | 19.00 |
| | | 09/04/03 | | 8.27 | -0.28 | 18.72 |
| | | 03/08/04 | | 7.72 | 0.55 | 19.27 |
| | | 09/02/04 | | 8.52 | -0.80 | 18.47 |
| | | 05/23/05 | | 7.86 | 0.66 | 19.13 |
| | | 09/15/05 | | 8.33 | -0.47 | 18.66 |
| | | 09/20/06 | | 8.52 | -0.19 | 18.47 |
| | | 11/01/06 | | 8.78 | -0.26 | 18.21 |
| | | 06/04/07 | | 8.45 | 0.33 | 18.54 |
| | | 11/08/07 | | 9.30 | -0.85 | 17.69 |
| | | 06/25/08 | | 8.96 | 0.34 | 18.03 |
| | | 11/20/08 | | 9.30 | -0.34 | 17.69 |
| | | 06/02/09 | | 8.76 | 0.54 | 18.23 |
| | | 12/02/09 | | 8.90 | -0.14 | 18.09 |
| | | 06/21/10 | | 8.55 | 0.35 | 18.44 |
| | | 12/01/10 | | 8.61 | -0.06 | 18.38 |
| | | 06/21/11 | | 8.38 | 0.23 | 18.61 |
| | | 11/03/11 | | 9.20 | -0.82 | 17.79 |
| | | 05/15/12 | | 8.43 | 0.77 | 18.56 |
| | | 10/17/12 | | 8.96 | -0.53 | 18.03 |
| | | 05/02/13 | | 8.56 | 0.40 | 18.43 |
| MW-34A | A | 03/26/01 | 27.62 | 7.65 | NA | 19.97 |
| | | 06/13/01 | | 7.95 | -0.30 | 19.67 |
| | | 09/27/01 | | 8.30 | -0.35 | 19.32 |
| | | 12/11/01 | | 7.98 | 0.32 | 19.64 |
| | | 04/03/02 | | 7.97 | 0.01 | 19.65 |
| | | 07/16/02 | | 8.43 | -0.46 | 19.19 |
| | | 10/02/02 | | 8.38 | 0.05 | 19.24 |

**TABLE 2-1**
Groundwater Elevation Data (2001 to Present)
*Honeywell International Inc./Former Synertek Building No. 1*
*3050 Coronado Drive, Santa Clara, California*

| Well ID | Aquifer | Date | Top of Casing Elevation (feet) (1) | Depth to Water (feet) (2) | Water Elevation Change (feet) (3) | Groundwater Elevation (feet) (1) |
|---|---|---|---|---|---|---|
| MW-34A | A | 01/08/03 | 27.62 | 7.61 | 0.77 | 20.01 |
| | | 07/08/03 | | 7.71 | -0.10 | 19.91 |
| | | 09/04/03 | | 8.16 | -0.45 | 19.46 |
| | | 03/08/04 | | 7.54 | 0.62 | 20.08 |
| | | 09/02/04 | | 8.39 | -0.85 | 19.23 |
| | | 05/23/05 | | 7.59 | 0.80 | 20.03 |
| | | 09/15/05 | | 8.19 | -0.60 | 19.43 |
| | | 09/20/06 | | 8.25 | -0.06 | 19.37 |
| | | 11/01/06 | | 8.55 | -0.30 | 19.07 |
| | | 06/04/07 | | 8.24 | 0.31 | 19.38 |
| | | 11/08/07 | | 9.10 | -0.86 | 18.52 |
| | | 06/25/08 | | 8.77 | 0.33 | 18.85 |
| | | 11/20/08 | | 9.10 | -0.33 | 18.52 |
| | | 06/02/09 | | 8.64 | 0.46 | 18.98 |
| | | 12/02/09 | | 8.50 | 0.14 | 19.12 |
| | | 06/21/10 | | 8.36 | 0.14 | 19.26 |
| | | 12/01/10 | | 8.47 | -0.11 | 19.15 |
| | | 06/21/11 | | 8.19 | 0.28 | 19.43 |
| | | 11/03/11 | | 9.01 | -0.82 | 18.61 |
| | | 05/15/12 | | 8.24 | 0.77 | 19.38 |
| | | 10/18/12 | | 8.81 | -0.57 | 18.81 |
| | | 05/02/13 | 26.72 | 8.52 | -0.61 | 18.20 |
| MW-35A | A | 03/26/01 | 31.35 | 7.55 | NA | 23.80 |
| | | 06/13/01 | | 8.12 | -0.57 | 23.23 |
| | | 09/27/01 | | 8.29 | -0.17 | 23.06 |
| | | 12/11/01 | | 7.60 | 0.69 | 23.75 |
| | | 04/03/02 | | 7.95 | -0.35 | 23.40 |
| | | 07/16/02 | | 8.43 | -0.48 | 22.92 |
| | | 10/02/02 | | 8.61 | -0.18 | 22.74 |
| | | 01/08/03 | | 7.41 | 1.20 | 23.94 |
| | | 07/08/03 | | 7.69 | -0.28 | 23.66 |
| | | 09/04/03 | | 8.17 | -0.48 | 23.18 |
| | | 03/08/04 | | 7.51 | 0.66 | 23.84 |
| | | 09/02/04 | | 8.60 | -1.09 | 22.75 |
| | | 05/23/05 | | 7.54 | 1.06 | 23.81 |
| | | 09/15/05 | | 8.38 | -0.84 | 22.97 |
| | | 09/20/06 | | 8.43 | -0.05 | 22.92 |
| | | 11/01/06 | | 8.62 | -0.19 | 22.73 |
| | | 06/04/07 | | 8.32 | 0.30 | 23.03 |
| | | 11/08/07 | | 9.22 | -0.90 | 22.13 |

**TABLE 2-1**
Groundwater Elevation Data (2001 to Present)
*Honeywell International Inc./Former Synertek Building No. 1*
*3050 Coronado Drive, Santa Clara, California*

| Well ID | Aquifer | Date | Top of Casing Elevation (feet) (1) | Depth to Water (feet) (2) | Water Elevation Change (feet) (3) | Groundwater Elevation (feet) (1) |
|---|---|---|---|---|---|---|
| MW-35A | A | 06/25/08 | 31.35 | 8.99 | 0.23 | 22.36 |
| | | 11/20/08 | | 9.39 | -0.40 | 21.96 |
| | | 06/02/09 | | 8.98 | 0.41 | 22.37 |
| | | 12/02/09 | | 8.57 | 0.41 | 22.78 |
| | | 06/21/10 | | 8.50 | 0.07 | 22.85 |
| | | 12/01/10 | | 8.55 | -0.05 | 22.80 |
| | | 06/21/11 | | 8.20 | 0.35 | 23.15 |
| | | 11/03/11 | | 9.05 | -0.85 | 22.30 |
| | | 05/15/12 | | 8.02 | 1.03 | 23.33 |
| | | 10/18/12 | | 8.91 | -0.89 | 22.44 |
| | | 05/02/13 | 31.25 | 8.61 | 0.20 | 22.64 |
| | | 10/29/13 | | 9.40 | -0.79 | 21.85 |
| MW-36A | A | 03/26/01 | 30.94 | 7.17 | NA | 23.77 |
| | | 06/13/01 | | 7.70 | -0.53 | 23.24 |
| | | 09/27/01 | | 7.85 | -0.15 | 23.09 |
| | | 12/11/01 | | 7.55 | 0.30 | 23.39 |
| | | 04/03/02 | | 7.52 | 0.03 | 23.42 |
| | | 07/16/02 | | 8.08 | -0.56 | 22.86 |
| | | 10/02/02 | | 8.19 | -0.11 | 22.75 |
| | | 01/08/03 | | 6.97 | 1.22 | 23.97 |
| | | 07/08/03 | | 7.27 | -0.30 | 23.67 |
| | | 09/04/03 | | 7.72 | -0.45 | 23.22 |
| | | 03/08/04 | | 7.06 | 0.66 | 23.88 |
| | | 09/02/04 | | 8.17 | -1.11 | 22.77 |
| | | 05/23/05 | | 7.08 | 1.09 | 23.86 |
| | | 09/15/05 | | 8.00 | -0.92 | 22.94 |
| | | 09/20/06 | | 8.06 | -0.06 | 22.88 |
| | | 11/01/06 | | 8.20 | -0.14 | 22.74 |
| | | 06/04/07 | | 7.96 | 0.24 | 22.98 |
| | | 11/08/07 | | 8.75 | -0.79 | 22.19 |
| | | 06/25/08 | | 8.54 | 0.21 | 22.40 |
| | | 11/20/08 | | 8.99 | -0.45 | 21.95 |
| | | 06/02/09 | | 8.50 | 0.49 | 22.44 |
| | | 12/02/09 | | 9.04 | -0.54 | 21.90 |
| | | 06/21/10 | | 8.10 | 0.94 | 22.84 |
| | | 12/01/10 | | 8.13 | -0.03 | 22.81 |
| | | 06/21/11 | | 7.76 | 0.37 | 23.18 |
| | | 11/03/11 | | 8.65 | -0.89 | 22.29 |
| | | 05/15/12 | | 7.56 | 1.09 | 23.38 |
| | | 10/18/12 | | 8.42 | -0.86 | 22.52 |

**TABLE 2-1**
Groundwater Elevation Data (2001 to Present)
*Honeywell International Inc./Former Synertek Building No. 1*
*3050 Coronado Drive, Santa Clara, California*

| Well ID | Aquifer | Date | Top of Casing Elevation (feet) (1) | Depth to Water (feet) (2) | Water Elevation Change (feet) (3) | Groundwater Elevation (feet) (1) |
|---|---|---|---|---|---|---|
| MW-36A | A | 05/02/13 | 30.94 | 8.23 | 0.19 | 22.71 |
| | | 10/29/13 | | 8.93 | -0.70 | 22.01 |
| MW-37A | A | 06/21/11 | 35.10 | 8.40 | NA | 26.70 |
| | | 11/03/11 | | 9.11 | -0.71 | 25.99 |
| | | 05/14/12 | | 8.31 | 0.80 | 26.79 |
| | | 10/17/12 | | 8.61 | -0.30 | 26.49 |
| | | 05/01/13 | | 9.19 | -0.58 | 25.91 |
| | | 10/29/13 | | 9.33 | -0.14 | 25.77 |
| PW-1 | A | 03/26/01 | 32.46 | 4.60 | NA | 27.86 |
| | | 06/13/01 | | 4.90 | -0.30 | 27.56 |
| | | 09/27/01 | | 4.65 | 0.25 | 27.81 |
| | | 12/11/01 | | 4.71 | -0.06 | 27.75 |
| | | 04/03/02 | | 4.90 | -0.19 | 27.56 |
| | | 07/16/02 | | 4.97 | -0.07 | 27.49 |
| | | 10/02/02 | | 5.09 | -0.12 | 27.37 |
| | | 01/08/03 | | 4.11 | 0.98 | 28.35 |
| | | 07/08/03 | | 4.97 | -0.86 | 27.49 |
| | | 09/04/03 | | 5.15 | -0.18 | 27.31 |
| | | 03/08/04 | | 4.55 | 0.60 | 27.91 |
| | | 09/02/04 | | 5.13 | -0.58 | 27.33 |
| | | 05/23/05 | | 4.58 | 0.55 | 27.88 |
| | | 09/15/05 | | 5.13 | -0.55 | 27.33 |
| | | 09/20/06 | | 5.20 | -0.07 | 27.26 |
| | | 11/01/06 | | 5.34 | -0.14 | 27.12 |
| | | 06/04/07 | | 4.22 | 1.12 | 28.24 |
| | | 11/08/07 | | 5.72 | -1.50 | 26.74 |
| | | 06/25/08 | | 5.35 | 0.37 | 27.11 |
| | | 11/20/08 | | 5.85 | -0.50 | 26.61 |
| | | 06/02/09 | | 5.54 | 0.31 | 26.92 |
| | | 12/02/09 | | 4.76 | 0.78 | 27.70 |
| | | 06/21/10 | | 4.15 | 0.61 | 28.31 |
| | | 12/01/10 | | 4.18 | -0.03 | 28.28 |
| | | 06/21/11 | | 3.90 | 0.28 | 28.56 |
| | | 11/03/11 | | NM | NA | NM |
| | | 05/14/12 | | 3.70 | NA | 28.76 |
| | | 10/17/12 | | 4.14 | -0.44 | 28.32 |
| | | 05/02/13 | | 4.39 | -0.25 | 28.07 |
| | | 10/30/13 | | 4.83 | -0.44 | 27.63 |
| PW-4 | A | 04/04/02 | NA | 7.67 | NA | NM |
| | | 07/16/02 | | 8.20 | NA | NM |

**TABLE 2-1**
Groundwater Elevation Data (2001 to Present)
*Honeywell International Inc./Former Synertek Building No. 1*
*3050 Coronado Drive, Santa Clara, California*

| Well ID | Aquifer | Date | Top of Casing Elevation (feet) (1) | Depth to Water (feet) (2) | Water Elevation Change (feet) (3) | Groundwater Elevation (feet) (1) |
|---|---|---|---|---|---|---|
| PW-4 | A | 10/02/02 | NA | 8.37 | NA | NM |
| | | 01/08/03 | | 7.04 | NA | NM |
| | | 07/08/03 | | 7.54 | NA | NM |
| | | 09/04/03 | | 7.90 | NA | NM |
| | | 03/08/04 | | 7.22 | NA | NM |
| | | 09/02/04 | | 8.35 | NA | NM |
| | | 05/23/05 | | 7.25 | NA | NM |
| | | 09/15/05 | | 8.19 | NA | NM |
| | | 09/20/06 | | 8.22 | NA | NM |
| | | 11/01/06 | | 8.38 | NA | NM |
| | | 06/04/07 | | 8.09 | NA | NM |
| | | 06/25/08 | | 7.94 | NA | NM |
| | | 11/20/08 | | 9.15 | NA | NM |
| | | 06/02/09 | | 8.72 | NA | NM |
| | | 12/02/09 | | 8.85 | NA | NM |
| | | 06/21/10 | | 8.22 | NA | NM |
| | | 12/01/10 | | 8.25 | NA | NM |
| | | 06/21/11 | | 7.92 | NA | NM |
| | | 11/03/11 | 31.78 | 8.80 | NA | 22.98 |
| | | 05/15/12 | | 7.62 | 1.18 | 24.16 |
| | | 10/17/12 | | 8.49 | -0.87 | 23.29 |
| | | 05/02/13 | | 8.40 | 0.09 | 23.38 |
| | | 10/30/13 | | 9.18 | -0.78 | 22.60 |
| PW-5 | A | 03/26/01 | 31.35 | 5.45 | NA | 25.90 |
| | | 06/13/01 | | 7.77 | -2.32 | 23.58 |
| | | 09/27/01 | | 6.20 | 1.57 | 25.15 |
| | | 04/03/02 | | 5.90 | NA | 25.45 |
| | | 07/16/02 | | 6.40 | -0.50 | 24.95 |
| | | 10/02/02 | | 6.53 | -0.13 | 24.82 |
| | | 01/08/03 | | 5.35 | 1.18 | 26.00 |
| | | 07/08/03 | | 5.59 | -0.24 | 25.76 |
| | | 09/04/03 | | 6.09 | -0.50 | 25.26 |
| | | 03/08/04 | | 5.42 | 0.67 | 25.93 |
| | | 09/02/04 | | 6.50 | -1.08 | 24.85 |
| | | 05/23/05 | | 5.45 | 1.05 | 25.90 |
| | | 09/15/05 | | 6.29 | -0.84 | 25.06 |
| | | 09/20/06 | | 6.36 | -0.07 | 24.99 |
| | | 11/01/06 | | 6.55 | -0.19 | 24.80 |
| | | 06/04/07 | | 6.23 | 0.32 | 25.12 |
| | | 11/08/07 | | 7.15 | -0.92 | 24.20 |

**TABLE 2-1**
Groundwater Elevation Data (2001 to Present)
*Honeywell International Inc./Former Synertek Building No. 1*
*3050 Coronado Drive, Santa Clara, California*

| Well ID | Aquifer | Date | Top of Casing Elevation (feet) (1) | Depth to Water (feet) (2) | Water Elevation Change (feet) (3) | Groundwater Elevation (feet) (1) |
|---|---|---|---|---|---|---|
| PW-5 | A | 06/25/08 | 31.35 | 6.93 | 0.22 | 24.42 |
| | | 11/20/08 | | 7.32 | -0.39 | 24.03 |
| | | 06/02/09 | | 6.81 | 0.51 | 24.54 |
| | | 12/02/09 | | 6.94 | -0.13 | 24.41 |
| | | 06/21/10 | | 6.35 | 0.59 | 25.00 |
| | | 12/01/10 | | 6.45 | -0.10 | 24.90 |
| | | 06/21/11 | | 6.12 | 0.33 | 25.23 |
| | | 11/03/11 | | 6.99 | -0.87 | 24.36 |
| | | 05/15/12 | | 5.97 | 1.02 | 25.38 |
| | | 10/18/12 | | 6.82 | -0.85 | 24.53 |
| | | 05/02/13 | | 6.52 | 0.30 | 24.83 |
| | | 10/29/13 | | 7.36 | -0.84 | 23.99 |
| MW-03B | B | 03/26/01 | 33.79 | 4.00 | NA | 29.79 |
| | | 06/13/01 | | 4.33 | -0.33 | 29.46 |
| | | 09/27/01 | | 4.60 | -0.27 | 29.19 |
| | | 12/11/01 | | 4.05 | 0.55 | 29.74 |
| | | 04/03/02 | | 3.78 | 0.27 | 30.01 |
| | | 07/16/02 | | 4.72 | -0.94 | 29.07 |
| | | 10/02/02 | | 4.86 | -0.14 | 28.93 |
| | | 01/08/03 | | 3.19 | 1.67 | 30.60 |
| | | 07/08/03 | | 3.96 | -0.77 | 29.83 |
| | | 09/04/03 | | 4.53 | -0.57 | 29.26 |
| | | 03/08/04 | | 3.05 | 1.48 | 30.74 |
| | | 09/02/04 | | 4.71 | -1.66 | 29.08 |
| | | 05/23/05 | | 2.69 | 2.02 | 31.10 |
| | | 09/15/05 | | 4.02 | -1.33 | 29.77 |
| | | 09/20/06 | | 4.06 | -0.04 | 29.73 |
| | | 11/01/06 | | 3.90 | 0.16 | 29.89 |
| | | 06/04/07 | | 3.95 | -0.05 | 29.84 |
| | | 11/08/07 | | 4.97 | -1.02 | 28.82 |
| | | 06/25/08 | | 5.00 | -0.03 | 28.79 |
| | | 11/20/08 | | 5.27 | -0.27 | 28.52 |
| | | 06/02/09 | | 4.87 | 0.40 | 28.92 |
| | | 12/02/09 | | 4.84 | 0.03 | 28.95 |
| | | 06/21/10 | | 4.00 | 0.84 | 29.79 |
| | | 12/01/10 | | 3.96 | 0.04 | 29.83 |
| | | 06/21/11 | | 3.42 | 0.54 | 30.37 |
| | | 11/03/11 | | 4.07 | -0.65 | 29.72 |
| | | 05/14/12 | | 2.92 | 1.15 | 30.87 |
| | | 10/18/12 | | 3.98 | -1.06 | 29.81 |

**TABLE 2-1**
Groundwater Elevation Data (2001 to Present)
*Honeywell International Inc./Former Synertek Building No. 1*
*3050 Coronado Drive, Santa Clara, California*

| Well ID | Aquifer | Date | Top of Casing Elevation (feet) (1) | Depth to Water (feet) (2) | Water Elevation Change (feet) (3) | Groundwater Elevation (feet) (1) |
|---|---|---|---|---|---|---|
| MW-03B | B | 05/01/13 | 33.79 | 3.72 | 0.26 | 30.07 |
| | | 10/29/13 | | 4.81 | -1.09 | 28.98 |
| MW-03B1 | B | 06/13/01 | 33.53 | artesian | NA | artesian |
| | | 09/27/01 | | artesian | NA | artesian |
| | | 12/11/01 | | 0.01 | -0.01 | 33.52 |
| | | 04/03/02 | | artesian | NA | artesian |
| | | 07/16/02 | | artesian | NA | artesian |
| | | 10/02/02 | | artesian | NA | artesian |
| | | 01/08/03 | | artesian | NA | artesian |
| | | 07/08/03 | | artesian | NA | artesian |
| | | 09/04/03 | | artesian | NA | artesian |
| | | 03/08/04 | | artesian | NA | artesian |
| | | 09/02/04 | | artesian | NA | artesian |
| | | 05/23/05 | | artesian | NA | artesian |
| | | 09/15/05 | | artesian | NA | artesian |
| | | 09/20/06 | | artesian | NA | artesian |
| | | 11/01/06 | | artesian | NA | artesian |
| | | 06/04/07 | | artesian | NA | artesian |
| | | 11/08/07 | | artesian | NA | artesian |
| | | 06/25/08 | | artesian | NA | artesian |
| | | 11/20/08 | | artesian | NA | artesian |
| | | 06/02/09 | | artesian | NA | artesian |
| | | 12/02/09 | | artesian | NA | artesian |
| | | 06/21/10 | | artesian | NA | artesian |
| | | 12/01/10 | | artesian | NA | artesian |
| | | 06/21/11 | | artesian | NA | artesian |
| | | 11/03/11 | | artesian | NA | artesian |
| | | 05/14/12 | | 0.57 | -0.57 | 32.96 |
| | | 10/18/12 | | artesian | NA | artesian |
| | | 05/01/13 | | artesian | NA | artesian |
| | | 10/30/13 | | artesian | NA | artesian |
| MW-04B | B | 03/26/01 | 29.97 | 1.03 | NA | 28.94 |
| | | 06/13/01 | | 1.74 | -0.71 | 28.23 |
| | | 09/27/01 | | 1.90 | -0.16 | 28.07 |
| | | 12/11/01 | | 1.25 | 0.65 | 28.72 |
| | | 04/03/02 | | 1.34 | -0.09 | 28.63 |
| | | 07/16/02 | | 2.07 | -0.73 | 27.90 |
| | | 10/02/02 | | 2.28 | -0.21 | 27.69 |
| | | 01/08/03 | | 0.95 | 1.33 | 29.02 |
| | | 07/08/03 | | 1.64 | -0.69 | 28.33 |

**TABLE 2-1**
Groundwater Elevation Data (2001 to Present)
*Honeywell International Inc./Former Synertek Building No. 1*
*3050 Coronado Drive, Santa Clara, California*

| Well ID | Aquifer | Date | Top of Casing Elevation (feet) (1) | Depth to Water (feet) (2) | Water Elevation Change (feet) (3) | Groundwater Elevation (feet) (1) |
|---|---|---|---|---|---|---|
| MW-04B | B | 09/04/03 | 29.97 | 2.11 | -0.47 | 27.86 |
| | | 03/08/04 | | 0.78 | 1.33 | 29.19 |
| | | 09/02/04 | | 2.25 | -1.47 | 27.72 |
| | | 05/23/05 | | 0.46 | 1.79 | 29.51 |
| | | 09/15/05 | | 1.62 | -1.16 | 28.35 |
| | | 09/20/06 | | 1.78 | -0.16 | 28.19 |
| | | 11/01/06 | | 1.75 | 0.03 | 28.22 |
| | | 06/04/07 | | 1.63 | 0.12 | 28.34 |
| | | 11/08/07 | | 2.49 | -0.86 | 27.48 |
| | | 06/25/08 | | 2.51 | -0.02 | 27.46 |
| | | 11/20/08 | | 2.88 | -0.37 | 27.09 |
| | | 06/02/09 | | 2.51 | 0.37 | 27.46 |
| | | 12/02/09 | | 2.51 | 0.00 | 27.46 |
| | | 06/21/10 | | 1.60 | 0.91 | 28.37 |
| | | 12/01/10 | | 1.59 | 0.01 | 28.38 |
| | | 06/21/11 | | 1.14 | 0.45 | 28.83 |
| | | 11/03/11 | | 1.69 | -0.55 | 28.28 |
| | | 05/14/12 | | 0.67 | 1.02 | 29.30 |
| | | 10/17/12 | | 1.68 | -1.01 | 28.29 |
| | | 05/01/13 | | 1.50 | 0.18 | 28.47 |
| | | 10/30/13 | | 2.51 | -1.01 | 27.46 |
| MW-10B | B | 03/26/01 | 34.02 | 4.32 | NA | 29.70 |
| | | 06/13/01 | | 5.15 | -0.83 | 28.87 |
| | | 09/27/01 | | 5.33 | -0.18 | 28.69 |
| | | 12/11/01 | | 4.83 | 0.50 | 29.19 |
| | | 04/03/02 | | 4.74 | 0.09 | 29.28 |
| | | 07/16/02 | | 5.49 | -0.75 | 28.53 |
| | | 10/02/02 | | 5.69 | -0.20 | 28.33 |
| | | 01/08/03 | | 4.15 | 1.54 | 29.87 |
| | | 07/08/03 | | 4.96 | -0.81 | 29.06 |
| | | 09/04/03 | | 5.48 | -0.52 | 28.54 |
| | | 03/08/04 | | 4.22 | 1.26 | 29.80 |
| | | 05/23/05 | | 4.02 | NA | 30.00 |
| | | 09/15/05 | | 5.22 | -1.20 | 28.80 |
| | | 09/20/06 | | 5.22 | 0.00 | 28.80 |
| | | 11/01/06 | | 5.22 | 0.00 | 28.80 |
| | | 06/04/07 | | 5.14 | 0.08 | 28.88 |
| | | 11/08/07 | | 6.03 | -0.89 | 27.99 |
| | | 06/25/08 | | 6.05 | -0.02 | 27.97 |
| | | 11/20/08 | | 6.30 | -0.25 | 27.72 |

**TABLE 2-1**
Groundwater Elevation Data (2001 to Present)
*Honeywell International Inc./Former Synertek Building No. 1*
*3050 Coronado Drive, Santa Clara, California*

| Well ID | Aquifer | Date | Top of Casing Elevation (feet) (1) | Depth to Water (feet) (2) | Water Elevation Change (feet) (3) | Groundwater Elevation (feet) (1) |
|---|---|---|---|---|---|---|
| MW-10B | B | 06/02/09 | 34.02 | 5.97 | 0.33 | 28.05 |
| | | 12/02/09 | | 5.95 | 0.02 | 28.07 |
| | | 06/21/10 | | 5.19 | 0.76 | 28.83 |
| | | 12/01/10 | | 5.18 | 0.01 | 28.84 |
| | | 06/21/11 | | 4.74 | 0.44 | 29.28 |
| | | 11/03/11 | | 5.34 | -0.60 | 28.68 |
| | | 05/14/12 | | 4.36 | 0.98 | 29.66 |
| | | 10/18/12 | | 5.21 | -0.85 | 28.81 |
| | | 05/01/13 | | 5.08 | 0.13 | 28.94 |
| | | 10/29/13 | | 6.04 | -0.96 | 27.98 |
| MW-12B | B | 03/26/01 | 33.64 | 4.82 | NA | 28.82 |
| | | 06/13/01 | | 5.75 | -0.93 | 27.89 |
| | | 09/27/01 | | 5.96 | -0.21 | 27.68 |
| | | 12/11/01 | | 5.34 | 0.62 | 28.30 |
| | | 04/03/02 | | 5.20 | 0.14 | 28.44 |
| | | 07/16/02 | | 6.09 | -0.89 | 27.55 |
| | | 10/02/02 | | 6.29 | -0.20 | 27.35 |
| | | 01/08/03 | | 4.61 | 1.68 | 29.03 |
| | | 07/08/03 | | 5.43 | -0.82 | 28.21 |
| | | 09/04/03 | | 5.98 | -0.55 | 27.66 |
| | | 03/08/04 | | 4.56 | 1.42 | 29.08 |
| | | 09/02/04 | | 6.22 | -1.66 | 27.42 |
| | | 05/23/05 | | 4.28 | 1.94 | 29.36 |
| | | 09/15/05 | | 5.64 | -1.36 | 28.00 |
| | | 09/20/06 | | 5.69 | -0.05 | 27.95 |
| | | 11/01/06 | | 5.65 | 0.04 | 27.99 |
| | | 06/04/07 | | 5.58 | 0.07 | 28.06 |
| | | 11/08/07 | | 6.58 | -1.00 | 27.06 |
| | | 06/25/08 | | 6.61 | -0.03 | 27.03 |
| | | 11/20/08 | | 6.90 | -0.29 | 26.74 |
| | | 06/02/09 | | 6.52 | 0.38 | 27.12 |
| | | 12/02/09 | | 6.43 | 0.09 | 27.21 |
| | | 06/21/10 | | 5.62 | 0.81 | 28.02 |
| | | 12/01/10 | | 5.61 | 0.01 | 28.03 |
| | | 06/21/11 | | 5.12 | 0.49 | 28.52 |
| | | 11/03/11 | | 5.80 | -0.68 | 27.84 |
| | | 05/14/12 | | 4.69 | 1.11 | 28.95 |
| | | 10/17/12 | | 5.66 | -0.97 | 27.98 |
| | | 05/02/13 | | 5.50 | 0.16 | 28.14 |
| | | 10/30/13 | | 6.60 | -1.10 | 27.04 |

**TABLE 2-1**
Groundwater Elevation Data (2001 to Present)
*Honeywell International Inc./Former Synertek Building No. 1*
*3050 Coronado Drive, Santa Clara, California*

| Well ID | Aquifer | Date | Top of Casing Elevation (feet) (1) | Depth to Water (feet) (2) | Water Elevation Change (feet) (3) | Groundwater Elevation (feet) (1) |
|---|---|---|---|---|---|---|
| MW-15B | B | 03/26/01 | 34.69 | 5.92 | NA | 28.77 |
| | | 06/13/01 | | 6.77 | -0.85 | 27.92 |
| | | 09/27/01 | | 6.92 | -0.15 | 27.77 |
| | | 12/11/01 | | 6.38 | 0.54 | 28.31 |
| | | 04/03/02 | | 6.27 | 0.11 | 28.42 |
| | | 07/16/02 | | 7.15 | -0.88 | 27.54 |
| | | 10/02/02 | | 7.32 | -0.17 | 27.37 |
| | | 01/08/03 | | 5.69 | 1.63 | 29.00 |
| | | 07/08/03 | | 6.47 | -0.78 | 28.22 |
| | | 09/04/03 | | 7.05 | -0.58 | 27.64 |
| | | 03/08/04 | | 5.67 | 1.38 | 29.02 |
| | | 09/02/04 | | 7.22 | -1.55 | 27.47 |
| | | 05/23/05 | | 5.43 | 1.79 | 29.26 |
| | | 09/15/05 | | 6.73 | -1.30 | 27.96 |
| | | 09/20/06 | | 6.75 | -0.02 | 27.94 |
| | | 11/01/06 | | 6.78 | -0.03 | 27.91 |
| | | 06/04/07 | | 6.65 | 0.13 | 28.04 |
| | | 11/08/07 | | 7.61 | -0.96 | 27.08 |
| | | 06/25/08 | | 7.65 | -0.04 | 27.04 |
| | | 11/20/08 | | 8.87 | -1.22 | 25.82 |
| | | 06/02/09 | | 7.53 | 1.34 | 27.16 |
| | | 12/02/09 | | 7.51 | 0.02 | 27.18 |
| | | 06/21/10 | | 6.60 | 0.91 | 28.09 |
| | | 12/01/10 | | 6.71 | -0.11 | 27.98 |
| | | 06/21/11 | | 6.18 | 0.53 | 28.51 |
| | | 11/02/11 | | 6.89 | -0.71 | 27.80 |
| | | 05/14/12 | | 5.77 | 1.12 | 28.92 |
| | | 10/18/12 | | 6.74 | -0.97 | 27.95 |
| | | 05/01/13 | | 6.58 | 0.16 | 28.11 |
| MW-20B | B | 03/26/01 | 35.09 | 5.97 | NA | 29.12 |
| | | 06/13/01 | | 6.54 | -0.57 | 28.55 |
| | | 09/27/01 | | 5.50 | 1.04 | 29.59 |
| | | 12/11/01 | | 6.17 | -0.67 | 28.92 |
| | | 04/03/02 | | 5.83 | 0.34 | 29.26 |
| | | 07/16/02 | | 5.37 | 0.46 | 29.72 |
| | | 10/02/02 | | 5.68 | -0.31 | 29.41 |
| | | 01/08/03 | | 3.03 | 2.65 | 32.06 |
| | | 07/08/03 | | 4.12 | -1.09 | 30.97 |
| | | 09/04/03 | | 4.48 | -0.36 | 30.61 |
| | | 03/08/04 | | 2.75 | 1.73 | 32.34 |

**TABLE 2-1**
Groundwater Elevation Data (2001 to Present)
*Honeywell International Inc./Former Synertek Building No. 1*
*3050 Coronado Drive, Santa Clara, California*

| Well ID | Aquifer | Date | Top of Casing Elevation (feet) (1) | Depth to Water (feet) (2) | Water Elevation Change (feet) (3) | Groundwater Elevation (feet) (1) |
|---|---|---|---|---|---|---|
| MW-20B | B | 09/02/04 | 35.09 | 5.10 | -2.35 | 29.99 |
| | | 05/23/05 | | 1.19 | 3.91 | 33.90 |
| | | 09/15/05 | | 4.82 | -3.63 | 30.27 |
| | | 09/20/06 | | 4.63 | 0.19 | 30.46 |
| | | 11/01/06 | | 5.40 | -0.77 | 29.69 |
| | | 06/04/07 | | 3.78 | 1.62 | 31.31 |
| | | 11/08/07 | | 4.27 | -0.49 | 30.82 |
| | | 06/25/08 | | 1.65 | 2.62 | 33.44 |
| | | 11/20/08 | | 3.39 | -1.74 | 31.70 |
| | | 06/02/09 | | 2.89 | 0.50 | 32.20 |
| | | 12/02/09 | | 0.93 | 1.96 | 34.16 |
| | | 06/21/10 | | 0.00 (4) | NA | NA (4) |
| | | 12/01/10 | | 0.00 (4) | NA | NA (4) |
| | | 06/20/11 | | 0.00 (4) | NA | NA (4) |
| | | 11/03/11 | | 0.00 (4) | NA | NA (4) |
| | | 05/14/12 | | 1.59 | -1.59 | 33.50 |
| | | 10/18/12 | | 2.93 | -1.34 | 32.16 |
| | | 05/01/13 | | 2.60 | 0.33 | 32.49 |
| | | 10/30/13 | | 3.74 | -1.14 | 31.35 |
| MW-25B | B | 09/27/01 | 34.06 | 7.65 | NA | 26.41 |
| | | 12/11/01 | | 6.58 | 1.07 | 27.48 |
| | | 04/03/02 | | 6.09 | 0.49 | 27.97 |
| | | 07/16/02 | | 7.76 | -1.67 | 26.30 |
| | | 10/02/02 | | 8.05 | -0.29 | 26.01 |
| | | 01/08/03 | | 8.26 | -0.21 | 25.80 |
| | | 07/08/03 | | 6.63 | 1.63 | 27.43 |
| | | 09/04/03 | | 7.63 | -1.00 | 26.43 |
| | | 03/08/04 | | 5.26 | 2.37 | 28.80 |
| | | 09/02/04 | | 7.97 | -2.71 | 26.09 |
| | | 05/23/05 | | 4.78 | 3.19 | 29.28 |
| | | 09/15/05 | | 6.87 | -2.09 | 27.19 |
| | | 09/20/06 | | 7.09 | -0.22 | 26.97 |
| | | 11/01/06 | | 6.79 | 0.30 | 27.27 |
| | | 06/04/07 | | 6.87 | -0.08 | 27.19 |
| | | 11/08/07 | | 8.35 | -1.48 | 25.71 |
| | | 06/25/08 | | 8.60 | -0.25 | 25.46 |
| | | 11/20/08 | | 8.78 | -0.18 | 25.28 |
| | | 06/02/09 | | 8.32 | 0.46 | 25.74 |
| | | 12/29/09 | | 8.10 | 0.22 | 25.96 |
| | | 06/21/10 | | 7.00 | 1.10 | 27.06 |

**TABLE 2-1**
Groundwater Elevation Data (2001 to Present)
*Honeywell International Inc./Former Synertek Building No. 1*
*3050 Coronado Drive, Santa Clara, California*

| Well ID | Aquifer | Date | Top of Casing Elevation (feet) (1) | Depth to Water (feet) (2) | Water Elevation Change (feet) (3) | Groundwater Elevation (feet) (1) |
|---|---|---|---|---|---|---|
| MW-25B | B | 12/01/10 | 34.06 | 6.99 | 0.01 | 27.07 |
| | | 06/21/11 | | 6.18 | 0.81 | 27.88 |
| | | 11/03/11 | | 6.91 | -0.73 | 27.15 |
| | | 05/15/12 | | 5.37 | 1.54 | 28.69 |
| | | 10/17/12 | | artesian | NA | NM |
| | | 05/02/13 | | 6.60 | -6.60 | 27.46 |
| | | 10/30/13 | | 8.22 | -1.62 | 25.84 |
| PW-3 | B | 03/26/01 | 31.9 | 2.65 | NA | 29.25 |
| | | 06/13/01 | | 3.49 | -0.84 | 28.41 |
| | | 09/27/01 | | 3.66 | -0.17 | 28.24 |
| | | 12/11/01 | | 3.10 | 0.56 | 28.80 |
| | | 04/03/02 | | 3.05 | 0.05 | 28.85 |
| | | 07/16/02 | | 3.77 | -0.72 | 28.13 |
| | | 10/02/02 | | 3.71 | 0.06 | 28.19 |
| | | 01/08/03 | | 2.45 | 1.26 | 29.45 |
| | | 07/08/03 | | 3.25 | -0.80 | 28.65 |
| | | 09/04/03 | | 3.82 | -0.57 | 28.08 |
| | | 03/08/04 | | 2.45 | 1.37 | 29.45 |
| | | 09/02/04 | | 3.95 | -1.50 | 27.95 |
| | | 05/23/05 | | 2.19 | 1.76 | 29.71 |
| | | 09/15/05 | | 3.44 | -1.25 | 28.46 |
| | | 09/20/06 | | 3.47 | -0.03 | 28.43 |
| | | 11/01/06 | | 3.45 | 0.02 | 28.45 |
| | | 06/04/07 | | 3.37 | 0.08 | 28.53 |
| | | 11/08/07 | | 4.32 | -0.95 | 27.58 |
| | | 06/25/08 | | 4.33 | -0.01 | 27.57 |
| | | 11/20/08 | | 4.60 | -0.27 | 27.30 |
| | | 06/02/09 | | 4.22 | 0.38 | 27.68 |
| | | 12/02/09 | | 4.21 | 0.01 | 27.69 |
| | | 06/21/10 | | 3.40 | 0.81 | 28.50 |
| | | 12/01/10 | | 3.45 | -0.05 | 28.45 |
| | | 06/21/11 | | 2.85 | 0.60 | 29.05 |
| | | 11/03/11 | | 3.59 | -0.74 | 28.31 |
| | | 05/14/12 | | 2.55 | 1.04 | 29.35 |
| | | 10/18/12 | | 3.53 | -0.98 | 28.37 |
| | | 05/02/13 | | 3.36 | 0.17 | 28.54 |
| | | 10/30/13 | | 4.42 | -1.06 | 27.48 |
| PW-7 | B | 03/26/01 | NA | 6.10 | NA | NM |
| | | 06/13/01 | | 7.00 | NA | NM |
| | | 09/27/01 | | 7.30 | NA | NM |

**TABLE 2-1**
Groundwater Elevation Data (2001 to Present)
*Honeywell International Inc./Former Synertek Building No. 1*
*3050 Coronado Drive, Santa Clara, California*

| Well ID | Aquifer | Date | Top of Casing Elevation (feet) (1) | Depth to Water (feet) (2) | Water Elevation Change (feet) (3) | Groundwater Elevation (feet) (1) |
|---|---|---|---|---|---|---|
| PW-7 | B | 04/03/02 | NA | 6.53 | NA | NM |
| | | 07/16/02 | | 7.42 | NA | NM |
| | | 10/02/02 | | 7.64 | NA | NM |
| | | 01/08/03 | | 5.92 | NA | NM |
| | | 07/08/03 | | 6.74 | NA | NM |
| | | 09/04/03 | | 7.35 | NA | NM |
| | | 03/08/04 | | 5.88 | NA | NM |
| | | 09/02/04 | | 7.57 | NA | NM |
| | | 05/23/05 | | 5.62 | NA | NM |
| | | 09/15/05 | | 6.98 | NA | NM |
| | | 09/20/06 | | 6.96 | NA | NM |
| | | 11/01/06 | | 6.99 | NA | NM |
| | | 06/04/07 | | 6.86 | NA | NM |
| | | 06/25/08 | | 8.83 | NA | NM |
| | | 11/20/08 | | 8.23 | NA | NM |
| | | 06/02/09 | | 7.84 | NA | NM |
| | | 12/02/09 | | 7.81 | NA | NM |
| | | 06/21/10 | | 6.82 | NA | NM |
| | | 12/01/10 | | 7.00 | NA | NM |
| | | 06/21/11 | | 6.38 | NA | NM |
| | | 11/03/11 | 34.97 | 7.10 | NA | 27.87 |
| | | 05/14/12 | | 5.96 | 1.14 | 29.01 |
| | | 10/18/12 | | 6.98 | -1.02 | 27.99 |
| | | 05/02/13 | | 6.80 | 0.18 | 28.17 |
| | | 10/30/13 | | 7.91 | -1.11 | 27.06 |

Notes:
(1) measurements based on mean sea level
(2) below Top of Casing
(3) change in elevation since last reported measurement
(4) A bladder cap was installed at MW-20B at the beginning of 2012 to prevent irrigation water from flooding the well casing and box. Water levels recorded from this well from 2009 through 2011 are considered incorrect
NA Not Applicable
NM Not Measured

TABLE 3-1
Summary of Volatile Organic Compounds (2001 to Present)
*Honeywell International Inc./Former Synertek Building No. 1*
*3050 Coronado Drive, Santa Clara, California*

| | | | | Target VOCs | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Well ID** | **Aquifer** | **Date** | **Total Target VOCs (µg/L)** | **1,1,1-Trichloro ethane (µg/L)** | **1,1-Dichloro-ethane (µg/L)** | **1,1-Dichloro-ethene (µg/L)** | **Freon 113 (µg/L)** | **trans-1,2-Dichloro-ethene (µg/L)** | **Trichloro-ethene (µg/L)** | **Vinyl chloride (µg/L)** | **cis-1,2-Dichloro-ethene (µg/L)** |
| **Final Cleanup Standards** | | | **NA** | **200** | **5** | **6** | **1200** | **NA** | **5** | **0.5** | **NA** |
| MW-01A | A | 03/28/01 | 0.7 | 0.7 j | <5 | <5 | <5 | <5 | <5 | <0.5 | <5 |
| | | 06/13/01 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <0.5 | <5 |
| | | 09/27/01 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <0.5 | <5 |
| | | 12/11/01 | 2.9 | 0.9 j | 1 j | <5 | 1 j | <5 | <5 | <0.5 | <5 |
| | | 04/03/02 | 4.4 | 0.62 j | 0.91 j | 0.37 j | 2.5 | <0.09 | <0.06 | <0.06 | <0.09 |
| | | 07/17/02 | 3.6 | 0.33 j | 0.63 j | 0.46 j | 2.2 | <0.09 | <0.06 | <0.06 | <0.09 |
| | | 10/03/02 | 4.2 | 0.52 j | 0.92 j | 0.41 j | 2.3 | <0.09 | <0.06 | <0.06 | <0.09 |
| | | 01/08/03 | 2.5 | 0.24 j | 0.57 | 0.28 j | 1.4 | <0.074 | <0.12 | <0.12 | <0.075 |
| | | 07/09/03 | 3 | 0.34 j | 0.58 | 0.43 j | 1.6 | <0.09 | <0.06 | <0.06 | <0.09 |
| | | 03/10/04 | 3.7 | 0.54 | 0.76 | 0.36 j | 2 | <0.09 | <0.06 | <0.06 | <0.09 |
| | | 05/23/05 | 2 | <0.3 | 0.44 j | <0.39 | 1.6 j | <0.2 | <0.13 | <0.37 | <0.18 |
| | | 09/21/06 | 2.4 | 0.24 j | 0.54 j | 0.44 j | 1.2 j | <0.16 | <0.10 | <0.22 | <0.17 |
| | | 06/04/07 | 2.4 | <0.46 | 0.53 j | 0.45 j | 1.4 j | <0.43 | <0.38 | <0.43 | <0.39 |
| | | 06/25/08 | 0.5 | <0.1 | 0.5 | <0.1 | <0.4 | <0.1 | <0.1 | <0.1 | <0.1 |
| | | 06/03/09 | 0.5 | <0.1 | 0.5 | <0.1 | <0.4 | <0.1 | <0.1 | <0.1 | <0.1 |
| | | 06/22/11 | 2.1 | 0.2 j | 0.4 j | 0.6 | 0.9 j | <0.1 | <0.1 | <0.1 | <0.1 |
| | | 05/15/12 | 2.9 | 0.3 j | 0.5 j | 0.7 | 1.4 j | <0.1 | <0.1 | <0.1 | <0.1 |
| | | 04/29/13 | 0.5 | <0.1 | <0.1 | 0.5 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| MW-02A | A | 12/02/09 | 40 | <0.1 | **21** | **8.8** | 0.5 j | <0.2 | **8.6** | **1.2** | 1.4 |

TABLE 3-1
Summary of Volatile Organic Compounds (2001 to Present)
*Honeywell International Inc./Former Synertek Building No. 1*
*3050 Coronado Drive, Santa Clara, California*

| | | | | Target VOCs | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Well ID** | **Aquifer** | **Date** | **Total Target VOCs (µg/L)** | **1,1,1-Trichloro ethane (µg/L)** | **1,1-Dichloro-ethane (µg/L)** | **1,1-Dichloro-ethene (µg/L)** | **Freon 113 (µg/L)** | **trans-1,2-Dichloro-ethene (µg/L)** | **Trichloro-ethene (µg/L)** | **Vinyl chloride (µg/L)** | **cis-1,2-Dichloro-ethene (µg/L)** |
| **Final Cleanup Standards** | | | **NA** | **200** | **5** | **6** | **1200** | **NA** | **5** | **0.5** | **NA** |
| MW-07A | A | 03/29/01 | 33 | 0.7 j | 4 | 2 | <5 | <5 | **26** | 0.3 | <5 |
| | | 06/14/01 | 39 | 0.8 j | 4 j | 3 j | <5 | <5 | **31** | <0.5 | 0.8 j |
| | | 09/27/01 | 22 | 0.4 j | 2 j | 2 j | <5 | <5 | **18** | <0.5 | <5 |
| | | 12/11/01 | 30 | 2 j | 3 j | 2 j | 1 j | <5 | **22** | 0.3 j | 1 j |
| | | 04/03/02 | 7.1 | <0.1 | 4.1 | 1.3 j | <0.1 | 0.28 j | 1.2 j | 0.21 j | 55 |
| | | 07/16/02 | 51 | 1.2 | 4.9 | 4.2 | 3.2 | 0.15 j | **37** | **0.56 j** | 2.5 |
| | | 10/03/02 | 65 | 1.6 | **6.5** | 6 | 5.1 | 0.21 j | **45** | **0.81 j** | 3.4 |
| | | 01/08/03 | 39 | 1 | 4.2 | 3.4 | 2.7 | 0.13 j | **27** | **0.54** | 2.4 |
| | | 07/10/03 | 56 | 1.2 | **5.8** | 4.5 | 3.1 | 0.19 j | **41** | 0.45 j | 4 |
| | | 03/09/04 | 62 | 1.3 | **8.4** | 5.2 | 3.4 | 0.18 j | **43** | **0.67** | 4.4 |
| | | 05/23/05 | 77 | 2.2 | **7.9** | **6.5** | 6.1 | 0.21 j | **53** | **0.85 j** | 7.6 |
| | | 09/21/06 | 138 | 5.9 | **13** | **12** | 12 | 0.31 j | **93** | **1.4** | 15 |
| | | 06/05/07 | 131 | 3.3 | **13** | **11** | 12 | <0.43 | **91** | **0.99 j** | 11 |
| | | 06/25/08 | 133 | 2.4 | **8.9** | **8.6** | 13 | <0.1 | **99** | **0.7** | 8.8 |
| | | 06/03/09 | 116 | 1.4 | **8.8** | **8.2** | 8.2 | <0.1 | **89** | **0.7** | 6.6 |
| | | 12/02/09 | 125 | 1.6 | **10** | **8.2** | 8.9 | 0.5 j | **95** | **0.7** | 7.8 |
| | | 06/22/10 | 109 | 1.1 | **8.5** | **7.1** | 7.5 | 0.4 j | **84** | **0.7** | 7.4 |
| | | 12/02/10 | 83 | 0.8 | **7.4** | 5.7 | 5.4 | 0.3 j | **63** | 0.5 j | 7.4 |
| | | 06/23/11 | 76 | 0.2 j | **6.9** | 5.5 | 0.5 j | 0.6 | **62** | **0.7** | 14 |
| | | 08/15/11 | 49 | <0.1 | **7.8** | 4 | 0.3 j | 0.6 | 0.8 | **35** | 65 |
| | | 11/04/11 | 72 | <0.1 | 0.3 j | 0.5 | <0.1 | 0.7 | 0.5 | **70** | 2.9 |
| | | 02/23/12 | 86 | <0.1 | 4.2 | 0.4 j | 0.5 j | 0.7 | 2.4 | **78** | 2.9 |
| | | 05/16/12 | 77 | <0.1 | **7.2** | 0.4 j | 0.6 j | 1.1 | 2.3 | **65** | 2.3 |
| | | 10/17/12 | 70 | <0.1 | **6.1** | <0.2 | <2.0 j | 1.5 | 1.3 | **61** | 2.8 |
| | | 05/01/13 | 70 | <0.1 | **9.7** | 1 | <0.2 | 6.2 | 3 | **50** | 4.9 |
| | | 10/29/13 | 78 | <0.1 | **6.8** | 0.5 | <0.2 | 8.8 j | 1.5 | **57 j** | 5.9 j |
| MW-08A | A | 12/02/09 | 13 | <0.1 | **6.2** | 4.6 | 0.3 j | <0.2 | 2.2 | <0.1 | 7.9 |
| MW-11A | A | 05/15/12 | 6.0 | <0.1 | 1.3 | 0.6 | <0.1 | <0.1 | 4.1 | <0.1 | 0.8 |

TABLE 3-1
Summary of Volatile Organic Compounds (2001 to Present)
*Honeywell International Inc./Former Synertek Building No. 1*
*3050 Coronado Drive, Santa Clara, California*

| | | | | Target VOCs | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Well ID** | **Aquifer** | **Date** | **Total Target VOCs (µg/L)** | **1,1,1-Trichloro ethane (µg/L)** | **1,1-Dichloro-ethane (µg/L)** | **1,1-Dichloro-ethene (µg/L)** | **Freon 113 (µg/L)** | **trans-1,2-Dichloro-ethene (µg/L)** | **Trichloro-ethene (µg/L)** | **Vinyl chloride (µg/L)** | **cis-1,2-Dichloro-ethene (µg/L)** |
| **Final Cleanup Standards** | | | **NA** | **200** | **5** | **6** | **1200** | **NA** | **5** | **0.5** | **NA** |
| MW-12A | A | 03/28/01 | 198 | 3 j | **25** | **22** | <5 | 0.6 j | **146** | **1** | 4 j |
| | | 06/13/01 | 250 | 3 j | **29** | **29** | <5 | 0.7 j | **187** | **0.9** | 6 |
| | | 09/27/01 | 1 | <5 | <5 | <5 | <5 | <5 | 1 j | <0.5 | <5 |
| | | 12/11/01 | 8.8 | <5 | 0.9 j | 0.9 j | <5 | <5 | **7** | <0.5 | <5 |
| | | 04/03/02 | 245 | 0.87 j | **31** | **43** | 8.1 | 1 j | **160** | **1.1 j** | 5.4 j |
| | | 07/17/02 | 235 | 0.5 j | **28** | **35** | 10 | 0.67 j | **160** | **0.85 j** | 5.6 |
| | | 10/03/02 | 271 | <0.25 | **41** | **42** | 6.8 | 0.66 j | **180** | **0.82 j** | 5.7 |
| | | 01/09/03 | 251 | <0.46 | **29** | **42** | 8 | <0.37 | **170** | **2.4** | 4.6 |
| | | 07/09/03 | 176 | 0.35 j | **22** | **28** | 5 | 0.57 j | **120** | **0.54 j** | 3.7 |
| | | 03/10/04 | 160 | 0.32 j | **24** | **30** | 4.8 | 0.58 | **100** | **0.64** | 4.2 |
| | | 05/23/05 | 197 | <0.3 | **28 j** | **44** | 5.3 | 0.71 j | **120** | **0.81 j** | 5.1 |
| | | 09/21/06 | 238 | <0.14 | **39** | **54** | 3.4 | 0.73 j | **140** | **1.2** | 5.7 |
| | | 06/05/07 | 211 | <0.46 | **33** | **43** | 3.4 | 0.62 j | **130** | **1.1** | 4.9 |
| | | 06/25/08 | 196 | <0.2 | **29 j** | **41 j** | 4.8 | 0.6 | **120** | **1.2** | 13 j |
| | | 06/03/09 | 194 | <0.3 | **28** | **35** | <0.9 | <0.2 | **130** | **1.2** | 4.6 |
| | | 12/03/09 | 185 | <0.3 | **27** | **34** | 2 j | 0.5 j | **120** | **1** | 4.6 |
| | | 06/22/10 | 187 | <0.3 | **29** | **34** | 2.5 j | 0.6 j | **120** | **1.3** | 4.8 |
| | | 06/23/11 | 210 | <0.2 | **37** | **48** | 2.6 j | 0.7 j | **120** | **1.4** | 5.8 |
| | | 05/15/12 | 197 | <0.3 | **30** | **42** | 2.7 j | 0.6 j | **120** | **1.2** | 5 |
| | | 04/29/13 | 178 | <0.1 | **28** | **35** | 3 | 0.6 | **110** | **1.6** | 4.6 |
| MW-15A | A | 05/15/12 | 6.7 | <0.1 | 1.5 | 5.2 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| MW-17A | A | 12/03/09 | 25 | 0.3 j | 3.6 | 4.3 | 3.1 | 0.7 | **7** | **6** | 26 |
| | | 05/15/12 | 26 | 0.3 j | 3.7 | 5.9 | 3.6 | 0.8 | **11** | **0.8** | 23 |
| MW-18A | A | 05/16/12 | 1.4 | <0.1 | 0.4 j | 0.1 j | <0.2 | <0.1 | 0.9 | <0.1 | 0.2 j |
| MW-19A | A | 12/03/09 | 42 | <0.1 | **15** | **11** | 1.2 j | 3.3 | **10** | **1** | 33 |
| | | 05/16/12 | 32 | 0.3 j | **6.3** | **7.2** | 2.2 | 0.3 j | **16** | <0.1 | 7 |
| MW-21A | A | 12/02/09 | 0.1 | <0.1 | 0.1 j | <0.1 | <0.1 | <0.2 | <0.1 | <0.1 | <0.1 |

TABLE 3-1
Summary of Volatile Organic Compounds (2001 to Present)
*Honeywell International Inc./Former Synertek Building No. 1*
*3050 Coronado Drive, Santa Clara, California*

| | | | | Target VOCs | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Well ID** | **Aquifer** | **Date** | **Total Target VOCs (µg/L)** | **1,1,1-Trichloro ethane (µg/L)** | **1,1-Dichloro-ethane (µg/L)** | **1,1-Dichloro-ethene (µg/L)** | **Freon 113 (µg/L)** | **trans-1,2-Dichloro-ethene (µg/L)** | **Trichloro-ethene (µg/L)** | **Vinyl chloride (µg/L)** | **cis-1,2-Dichloro-ethene (µg/L)** |
| **Final Cleanup Standards** | | | **NA** | **200** | **5** | **6** | **1200** | **NA** | **5** | **0.5** | **NA** |
| MW-25A | A | 03/27/01 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | | 06/13/01 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | | 09/27/01 | 15 | 1 j | 3 j | **11** | <5 | <5 | <5 | <0.5 | <5 |
| | | 12/10/01 | 38 | 4 j | **9** | **25** | <5 | <5 | <5 | <0.5 | <5 |
| | | 04/03/02 | 21 | 2.7 | **5.3** | **13** | <0.05 | <0.09 | <0.06 | <0.06 | <0.09 |
| | | 07/16/02 | 27 | 2.5 | **6** | **18** | <0.05 | <0.09 | <0.06 | <0.06 | <0.09 |
| | | 10/02/02 | 28 | 3.2 | **6.3** | **18** | <0.05 | <0.09 | <0.06 | <0.06 | <0.09 |
| | | 01/08/03 | 24 | 2.3 | **6.4** | **15** | <0.094 | <0.074 | <0.12 | 0.24 | <0.075 |
| | | 07/09/03 | 25 | 2.4 | **5.6** | **17** | <0.05 | <0.09 | <0.06 | <0.06 | <0.09 |
| | | 03/09/04 | 20 | 2 | 4.7 | **13** | <0.05 | <0.09 | <0.06 | <0.06 | <0.09 |
| | | 05/23/05 | 20 | 1.7 | 4.7 | **14** | <0.29 | <0.2 | <0.13 | <0.37 | <0.18 |
| | | 09/21/06 | 24 | 1.9 | **5.4** | **17** | <0.44 | <0.16 | <0.10 | <0.22 | <0.17 |
| | | 06/04/07 | 19 | 1.3 | 4.6 | **13** | <1.0 | <0.43 | <0.38 | <0.43 | <0.39 |
| | | 06/27/08 | 15 | 1.3 | 3.4 | **10** | <0.4 | <0.1 | <0.1 | <0.1 | <0.1 |
| | | 06/02/09 | 15 | 1.3 | 3.5 | **10** | <0.4 | <0.1 | <0.1 | <0.1 | <0.1 |
| | | 06/21/10 | 15 | 1.2 | 3.7 | **9.9** | <0.2 | <0.1 | <0.1 | <0.2 | <0.1 |
| | | 06/22/11 | 14 | 1 | 3.1 | **9.4** | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | | 05/16/12 | 13 | 0.9 | 2.7 | **9.4** | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | | 04/29/13 | 11 | 0.9 | 2.6 | **7.4** | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |

TABLE 3-1
Summary of Volatile Organic Compounds (2001 to Present)
*Honeywell International Inc./Former Synertek Building No. 1*
*3050 Coronado Drive, Santa Clara, California*

| | | | | Target VOCs | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Well ID** | **Aquifer** | **Date** | **Total Target VOCs (µg/L)** | **1,1,1-Trichloro ethane (µg/L)** | **1,1-Dichloro-ethane (µg/L)** | **1,1-Dichloro-ethene (µg/L)** | **Freon 113 (µg/L)** | **trans-1,2-Dichloro-ethene (µg/L)** | **Trichloro-ethene (µg/L)** | **Vinyl chloride (µg/L)** | **cis-1,2-Dichloro-ethene (µg/L)** |
| **Final Cleanup Standards** | | | **NA** | **200** | **5** | **6** | **1200** | **NA** | **5** | **0.5** | **NA** |
| MW-29A | A | 03/27/01 | 5 | <5 | 5 j | <5 | <5 | <5 | <5 | <0.5 | <5 |
| | | 06/14/01 | 2 | <5 | 2 j | <5 | <5 | <5 | <5 | <0.5 | <5 |
| | | 09/27/01 | 5 | <5 | 3 j | 2 j | <5 | <5 | <5 | <0.5 | <5 |
| | | 12/10/01 | 32 | 0.8 j | **12** | **12** | 3 j | <5 | 4 j | <0.5 | <5 |
| | | 04/03/02 | 11 | 0.19 j | 4.2 | 1.8 | 4.8 | <0.09 | <0.06 | <0.06 | <0.09 |
| | | 07/16/02 | 10 | 0.19 j | 4.3 | 1.6 | 4.2 | <0.09 | <0.06 | 0.079 j | <0.09 |
| | | 10/02/02 | 13 | 0.25 j | **5.3** | 2.9 | 3.9 | <0.09 | 0.46 j | 0.071 j | <0.09 |
| | | 01/08/03 | 9.7 | <0.092 | 4.6 | 1.5 | 3.4 | <0.074 | <0.12 | 0.2 j | <0.075 |
| | | 07/08/03 | 12 | 0.15 j | **5.5** | 2.6 | 3.7 | <0.09 | 0.34 j | <0.06 | <0.09 |
| | | 09/04/03 | 13 | 0.17 j | **5.5** | 2.9 | 3.6 | <0.09 | 0.4 j | 0.11 j | <0.09 |
| | | 03/08/04 | 20 | 0.31 j | **8.2** | **6.4** | 4.1 | <0.09 | 1.3 | 0.13 j | 0.16 j |
| | | 09/02/04 | 11 | 0.12 j | 5 | 2.1 | 4 | <0.09 | <0.06 | <0.06 | <0.09 |
| | | 05/23/05 | 15 | <0.3 | **6.4** | 3.2 | 4.8 | <0.2 | 0.29 j | <0.37 | <0.18 |
| | | 09/15/05 | 25 | 0.3 j | **9.3** | **8** | 5.5 | <0.2 | 1.9 | <0.37 | 0.19 j |
| | | 09/21/06 | 16 | <0.14 | **6.9** | 4.4 | 4.2 | <0.16 | 0.48 j | <0.22 | <0.17 |
| | | 11/01/06 | 15 | 0.16 j | **6.8** | 3.5 | 4.6 | <0.16 | <0.20 | <0.22 | <0.17 |
| | | 06/04/07 | 16 | <0.46 | **6.9** | 4.2 | 4.4 | <0.43 | <0.38 | <0.43 | <0.39 |
| | | 11/08/07 | 15 | <0.39 | **6.2** | 3.9 | 5.2 | <0.41 | <0.31 | <0.43 | <0.36 |
| | | 06/27/08 | 14 | <0.1 | **5.5** | 3.7 | 5.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | | 11/20/08 | 16 | <0.1 | **6** | 4.9 | 5.3 | <0.1 | <0.1 | <0.1 | <0.1 |
| | | 06/02/09 | 15 | <0.1 | **5.7** | 4.6 | 4.4 | <0.1 | <0.1 | <0.1 | <0.1 |
| | | 12/02/09 | 16 | <0.1 | **6.8** | 4.7 | 4.2 | <0.2 | <0.1 | <0.1 | 0.3 j |
| | | 06/21/10 | 17 | <0.1 | **6.4** | 5.9 | 4.3 | <0.1 | 0.5 | <0.2 | 0.5 j |
| | | 12/01/10 | 15 | <0.1 | **5.7** | 5.7 | 4 | <0.2 | <0.1 | <0.1 | 0.5 j |
| | | 06/22/11 | 15 | <0.1 | **5.3** | 6 | 3.4 | <0.1 | 0.2 j | <0.1 | 0.5 |
| | | 11/03/11 | 18 | <0.1 | **7.1** | **6.7** | 3.8 | <0.1 | <0.1 | <0.2 | 0.5 j |
| | | 05/17/12 | 22 | <0.1 | **5.8** | **9.8** | 4.3 | <0.1 | 1.9 | <0.1 | 0.5 |
| | | 10/17/12 | 14 | <0.1 | **5.6** | 5 | 3.4 | <0.2 | <0.1 | <0.1 | <0.1 |
| | | 04/30/13 | 19 | <0.1 | **5.9** | **8.2** | 3.5 | <0.1 | 1.6 | <0.1 | 0.6 |

TABLE 3-1
Summary of Volatile Organic Compounds (2001 to Present)
*Honeywell International Inc./Former Synertek Building No. 1*
*3050 Coronado Drive, Santa Clara, California*

| | | | | Target VOCs | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Well ID** | **Aquifer** | **Date** | **Total Target VOCs (µg/L)** | **1,1,1-Trichloro ethane (µg/L)** | **1,1-Dichloro-ethane (µg/L)** | **1,1-Dichloro-ethene (µg/L)** | **Freon 113 (µg/L)** | **trans-1,2-Dichloro-ethene (µg/L)** | **Trichloro-ethene (µg/L)** | **Vinyl chloride (µg/L)** | **cis-1,2-Dichloro-ethene (µg/L)** |
| **Final Cleanup Standards** | | | **NA** | **200** | **5** | **6** | **1200** | **NA** | **5** | **0.5** | **NA** |
| MW-30A | A | 03/29/01 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | | 06/13/01 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | | 09/27/01 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <0.5 | <5 |
| | | 12/10/01 | 1 | <5 | <5 | <5 | <5 | <5 | 1 j | <0.5 | <5 |
| | | 01/08/02 | 0.22 | <0.092 | <0.21 | <0.13 | <0.094 | <0.074 | 0.22 j | <0.12 | <0.075 |
| | | 04/03/02 | <0.09 | <0.05 | <0.04 | <0.06 | <0.05 | <0.09 | <0.06 | <0.06 | <0.09 |
| | | 07/17/02 | 0.22 | <0.05 | <0.04 | <0.06 | <0.05 | <0.09 | 0.22 j | <0.06 | 0.11 j |
| | | 10/02/02 | 0.32 | <0.05 | <0.04 | <0.06 | <0.05 | <0.09 | 0.32 j | <0.06 | <0.09 |
| | | 07/08/03 | 0.46 | <0.05 | <0.04 | <0.06 | <0.05 | <0.09 | 0.46 j | <0.06 | 0.12 j |
| | | 03/09/04 | 0.42 | <0.05 | <0.04 | <0.06 | <0.05 | <0.09 | 0.42 j | <0.06 | 0.15 j |
| | | 05/23/05 | 0.46 | <0.3 | <0.19 | <0.39 | <0.29 | <0.2 | 0.46 j | <0.37 | <0.18 |
| | | 09/21/06 | 0.29 | <0.14 | <0.12 | <0.19 | <0.44 | <0.16 | 0.29 j | <0.22 | <0.17 |
| | | 06/04/07 | <1.0 | <0.46 | <0.35 | <0.45 | <1.0 | <0.43 | <0.38 | <0.43 | <0.39 |
| | | 06/27/08 | <0.4 | <0.1 | <0.1 | <0.1 | <0.4 | <0.1 | <0.1 | <0.1 | <0.1 |
| | | 06/02/09 | <0.4 | <0.1 | <0.1 | <0.1 | <0.4 | <0.1 | <0.1 | <0.1 | <0.1 |
| | | 06/21/10 | 0.4 | <0.1 | <0.1 | <0.1 | <0.2 | <0.1 | 0.4 j | <0.2 | <0.1 |
| | | 06/23/11 | 0.2 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | 0.2 j | <0.1 | <0.1 |
| | | 05/17/12 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | | 04/30/13 | <0.2 | <0.1 | <0.2 | <0.2 | <0.1 | <0.2 | <0.1 | <0.1 | <0.1 |

TABLE 3-1
Summary of Volatile Organic Compounds (2001 to Present)
*Honeywell International Inc./Former Synertek Building No. 1*
*3050 Coronado Drive, Santa Clara, California*

| | | | | Target VOCs | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Well ID** | **Aquifer** | **Date** | **Total Target VOCs (µg/L)** | **1,1,1-Trichloro ethane (µg/L)** | **1,1-Dichloro-ethane (µg/L)** | **1,1-Dichloro-ethene (µg/L)** | **Freon 113 (µg/L)** | **trans-1,2-Dichloro-ethene (µg/L)** | **Trichloro-ethene (µg/L)** | **Vinyl chloride (µg/L)** | **cis-1,2-Dichloro-ethene (µg/L)** |
| **Final Cleanup Standards** | | | **NA** | **200** | **5** | **6** | **1200** | **NA** | **5** | **0.5** | **NA** |
| MW-33A | A | 03/27/01 | 1.5 | 0.8 j | 0.7 j | <5 | <5 | <5 | <5 | <0.5 | <5 |
| | | 06/15/01 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <0.5 | <5 |
| | | 09/27/01 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <0.5 | <5 |
| | | 12/10/01 | 2 | <5 | <5 | <5 | 2 j | <5 | <5 | <0.5 | <5 |
| | | 04/03/02 | 12 | 0.78 j | 0.49 j | 0.38 j | 10 | <0.09 | 0.15 j | <0.06 | <0.09 |
| | | 07/16/02 | 12 | 0.8 j | 0.63 j | 0.33 j | 9.6 | <0.09 | 0.17 j | <0.06 | <0.09 |
| | | 10/02/02 | 11 | 0.93 j | 0.59 j | 0.32 j | 8.7 | <0.09 | 0.32 j | <0.06 | <0.09 |
| | | 01/08/03 | 7.5 | 0.55 | 0.48 j | 0.16 j | 6.2 | <0.074 | 0.14 j | <0.12 | <0.075 |
| | | 07/08/03 | 9.7 | 0.81 | 0.65 | 0.25 j | 7.7 | <0.09 | 0.29 j | <0.06 | <0.09 |
| | | 09/04/03 | 10 | 0.76 | 0.67 | 0.35 j | 8.1 | <0.09 | 0.36 j | <0.06 | <0.09 |
| | | 03/09/04 | 9 | 0.67 | 0.61 | 0.35 j | 7.1 | <0.09 | 0.29 j | <0.06 | <0.09 |
| | | 09/02/04 | 10 | 0.7 | 0.63 | 0.34 j | 7.7 | <0.09 | 0.3 j | <0.06 | <0.09 |
| | | 05/23/05 | 10 | 0.65 j | 0.7 j | 0.41 j | 8 | <0.2 | 0.44 j | <0.37 | <0.18 |
| | | 09/15/05 | 13 | 0.79 j | 0.82 j | 0.52 j | 10 | <0.2 | 0.85 j | <0.37 | <0.18 |
| | | 09/21/06 | 11 | 0.68 j | 0.8 j | 0.62 j | 8.3 | <0.16 | 0.63 j | <0.22 | <0.17 |
| | | 11/01/06 | 11 | 0.61 j | 0.79 j | 0.51 j | 8.1 | <0.16 | 0.53 j | <0.22 | <0.17 |
| | | 06/05/07 | 8.7 | 0.46 j | 0.68 j | <0.45 | 7.1 | <0.43 | 0.46 j | <0.43 | <0.39 |
| | | 11/08/07 | 11 | 0.49 j | 0.68 j | 0.48 j | 9 | <0.41 | 0.51 j | <0.43 | <0.36 |
| | | 06/27/08 | 9.1 | 0.5 | 0.5 | <0.1 | 8.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | | 11/20/08 | 11 | <0.1 | 0.7 | 0.5 | 9.3 | <0.1 | 0.8 | <0.1 | <0.1 |
| | | 06/02/09 | 7.2 | <0.1 | 0.5 | <0.1 | 6.7 | <0.1 | <0.1 | <0.1 | <0.1 |
| | | 12/02/09 | 9.2 | 0.5 j | 0.7 | 0.4 j | 7.1 | <0.2 | 0.5 | <0.1 | <0.1 |
| | | 06/21/10 | 8.0 | 0.4 j | 0.6 | 0.3 j | 6.1 | <0.1 | 0.6 | <0.2 | <0.1 |
| | | 12/01/10 | 6.6 | 0.3 j | 0.6 | 0.4 j | 4.8 | <0.2 | 0.5 j | <0.1 | <0.1 |
| | | 06/23/11 | 6.4 | 0.3 j | 0.5 j | 0.3 j | 4.9 | <0.1 | 0.4 j | <0.1 | <0.1 |
| | | 11/03/11 | 8.7 | 0.4 j | 0.7 | 0.5 j | 6.6 | <0.1 | 0.5 j | <0.2 | <0.1 |
| | | 05/17/12 | 8.0 | 0.2 j | 0.4 j | 0.3 j | 6.7 | <0.1 | 0.4 j | <0.1 | <0.1 |
| | | 10/17/12 | 6.5 | <0.1 | 0.5 | <0.2 | 6 | <0.2 | <0.1 | <0.1 | <0.1 |
| | | 04/29/13 | 5.9 | <0.1 | <0.1 | <0.1 | 5.9 | <0.1 | <0.1 | <0.1 | <0.1 |

TABLE 3-1
Summary of Volatile Organic Compounds (2001 to Present)
*Honeywell International Inc./Former Synertek Building No. 1*
*3050 Coronado Drive, Santa Clara, California*

| | | | | Target VOCs | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Well ID** | **Aquifer** | **Date** | **Total Target VOCs (µg/L)** | **1,1,1-Trichloro ethane (µg/L)** | **1,1-Dichloro-ethane (µg/L)** | **1,1-Dichloro-ethene (µg/L)** | **Freon 113 (µg/L)** | **trans-1,2-Dichloro-ethene (µg/L)** | **Trichloro-ethene (µg/L)** | **Vinyl chloride (µg/L)** | **cis-1,2-Dichloro-ethene (µg/L)** |
| **Final Cleanup Standards** | | | **NA** | **200** | **5** | **6** | **1200** | **NA** | **5** | **0.5** | **NA** |
| MW-34A | A | 03/27/01 | 5 | <5 | 5 | <5 | <5 | <5 | <5 | <0.5 | <5 |
| | | 06/14/01 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <0.5 | <5 |
| | | 09/27/01 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <0.5 | <5 |
| | | 12/10/01 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <0.5 | <5 |
| | | 04/03/02 | <0.09 | <0.05 | <0.04 | <0.06 | <0.05 | <0.09 | <0.06 | <0.06 | <0.09 |
| | | 07/16/02 | 0.09 | <0.05 | 0.089 j | <0.06 | <0.05 | <0.09 | <0.06 | <0.06 | <0.09 |
| | | 10/02/02 | <0.09 | <0.05 | <0.04 | <0.06 | <0.05 | <0.09 | <0.06 | <0.06 | <0.09 |
| | | 01/08/03 | <0.21 | <0.092 | <0.21 | <0.13 | <0.094 | <0.074 | <0.12 | <0.12 | <0.075 |
| | | 07/08/03 | 0.06 | <0.05 | 0.057 j | <0.06 | <0.05 | <0.09 | <0.06 | <0.06 | <0.09 |
| | | 03/08/04 | 0.07 | <0.05 | 0.067 j | <0.06 | <0.05 | <0.09 | <0.06 | <0.06 | <0.09 |
| | | 05/23/05 | <0.39 | <0.3 | <0.19 | <0.39 | <0.29 | <0.2 | <0.13 | <0.37 | <0.18 |
| | | 09/21/06 | <0.44 | <0.14 | <0.12 | <0.19 | <0.44 | <0.16 | <0.10 | <0.22 | <0.17 |
| | | 06/04/07 | <1.0 | <0.46 | <0.35 j | <0.45 | <1.0 | <0.43 | <0.38 | <0.43 | <0.39 |
| | | 06/27/08 | <0.4 | <0.1 | <0.1 | <0.1 | <0.4 | <0.1 | <0.1 | <0.1 | <0.1 |
| | | 06/02/09 | <0.4 | <0.1 | <0.1 | <0.1 | <0.4 | <0.1 | <0.1 | <0.1 | <0.1 |
| | | 06/21/10 | <0.2 | <0.1 | <0.1 | <0.1 | <0.2 | <0.1 | <0.1 | <0.2 | <0.1 |
| | | 06/22/11 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | | 05/17/12 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | | 04/29/13 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| MW-35A | A | 04/30/13 | 7.8 | <0.1 | 3.1 | 2 | 2.7 | <0.1 | <0.1 | <0.1 | 0.8 |
| | | 10/29/13 | 9.4 | <0.1 | 3.3 | 2.2 | 3.9 | <0.2 | <0.1 | <0.1 | 0.7 |
| MW-36A | A | 04/30/13 | 57 | <0.1 | **21** | **33** | <0.1 | <0.1 | 2.9 | <0.1 | 0.6 |
| | | 10/29/13 | 59 | <0.1 | **22** | **35** | <0.2 | <0.2 | 2.4 | <0.1 | 0.5 |
| MW-37A | A | 03/24/11 | 190 | 21 | **32** | **20** | 13 | 0.6 | **98** | **4.8** | 15 |
| | | 06/23/11 | 27 | 1.2 | **12** | **6.9** | 0.4 j | 1.6 | 2.1 | **2.7** | 100 |
| | | 08/15/11 | 47 | 6.8 | **14** | **9** | <0.2 | 0.9 | 0.5 j | **16** | 140 |
| | | 11/04/11 | 103 | 0.4 j | 3 | <0.1 | <0.2 | 1 | 0.3 j | **98** | 1.6 |
| | | 02/23/12 | 114 | <0.2 | 3.1 | <0.2 | <0.2 | 0.8 | 0.5 j | **110** | 0.8 |
| | | 05/16/12 | 74 | <0.1 | 3.9 j | <0.1 | <0.2 | 1 j | 0.3 j | **69** | 0.8 |
| | | 10/17/12 | 18 | <0.1 | **6.6** | <0.2 | <0.2 | 0.7 | <0.1 | **11** | <0.1 |
| | | 05/01/13 | 14 | <0.1 | **8.7** | <0.1 | <0.2 | 1.9 | <0.1 | **3.6** | 0.6 |
| | | 10/29/13 | 9.0 | 0.8 | **5.1** | <0.2 | <0.2 | 1.9 | <0.1 | **1.2** | <0.1 |
| PW-1 | A | 12/03/09 | 2.9 | <0.1 | 0.5 | 0.2 j | <0.4 | <0.1 | 2.2 | <0.1 | 0.3 j |
| | | 12/02/10 | 2.2 | <0.1 | 0.5 j | <0.1 | <0.1 | <0.2 | 1.7 | <0.1 | 0.2 j |
| | | 06/24/11 | 0.7 | <0.1 | 0.2 j | <0.1 | <0.2 | <0.1 | 0.5 j | <0.1 | 0.4 j |
| | | 08/15/11 | 0.1 | <0.1 | <0.1 | <0.2 | <0.2 | <0.2 | 0.1 j | <0.1 | 0.2 j |
| | | 11/04/11 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | 0.7 |

TABLE 3-1
Summary of Volatile Organic Compounds (2001 to Present)
*Honeywell International Inc./Former Synertek Building No. 1*
*3050 Coronado Drive, Santa Clara, California*

| | | | | Target VOCs | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Well ID** | **Aquifer** | **Date** | **Total Target VOCs (µg/L)** | **1,1,1-Trichloro ethane (µg/L)** | **1,1-Dichloro-ethane (µg/L)** | **1,1-Dichloro-ethene (µg/L)** | **Freon 113 (µg/L)** | **trans-1,2-Dichloro-ethene (µg/L)** | **Trichloro-ethene (µg/L)** | **Vinyl chloride (µg/L)** | **cis-1,2-Dichloro-ethene (µg/L)** |
| **Final Cleanup Standards** | | | **NA** | **200** | **5** | **6** | **1200** | **NA** | **5** | **0.5** | **NA** |
| PW-4 | A | 03/28/01 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | | 06/13/01 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | | 09/27/01 | 70 | <5 | **10** | **24** | <6 | <5 | **36** | <0.5 | 0.7 j |
| | | 12/11/01 | 132 | 0.9 j | **19** | **49** | 6 | <5 | **57** | <0.5 | 2 j |
| | | 04/03/02 | 54 | 0.38 j | **6** | **15** | 4.9 | <0.09 | **28** | <0.06 | 0.61 j |
| | | 07/17/02 | 88 | 0.48 j | **10** | **28** | 5.9 | 0.13 j | **43** | 0.087 j | 1.1 |
| | | 10/03/02 | 96 | 0.43 j | **13** | **32** | 5.1 | 0.1 j | **45** | <0.06 | 1.4 |
| | | 01/08/03 | 94.7 j | 0.22 j | **15** | **32** | 4.4 | <0.07 | **41 j** | **0.68** | 1.4 |
| | | 07/08/03 | 56 | 0.19 j | **7.4** | **17** | 2.5 | <0.09 | **29** | 0.084 j | 0.78 |
| | | 09/04/03 | 52 | 0.15 j | **7.3** | **15** | 1.7 | <0.09 | **28** | 0.094 j | 0.77 |
| | | 03/11/04 | 36 | 0.11 j | **5.8** | **9.6** | 1.5 | <0.09 | **19** | <0.06 | 0.51 |
| | | 09/02/04 | 44 | 0.079 j | **6.7** | **14** | 0.98 | <0.09 | **22** | <0.06 | 0.71 |
| | | 05/23/05 | 36 | <0.3 | **5.2** | **10** | 1.8 j | <0.2 | **19** | <0.37 | 0.55 j |
| | | 09/15/05 | 43 | <0.3 | **6.5** | **13** | 1.2 j | <0.2 | **22** | <0.37 | 0.64 j |
| | | 09/21/06 | 44 | <0.14 | **7.1** | **14** | 0.88 j | <0.16 | **22** | <0.22 | 0.78 j |
| | | 11/01/06 | 44 | <0.14 | **6.9** | **14** | 0.74 j | <0.16 | **22** | <0.22 | 0.72 j |
| | | 06/04/07 | 36 | <0.46 | 4.5 j | **11** | 1.5 j | <0.43 | **19** | <0.43 | 0.47 j |
| | | 11/08/07 | 73 | <0.39 | **10** | **23** | 2 | <0.41 | **38** | <0.43 | 1.2 |
| | | 06/27/08 | 39 | <0.1 | **5.7** | **10** | <0.4 | <0.1 | **23** | <0.1 | 0.6 |
| | | 11/20/08 | 110 | <0.1 | **17** | **34** | 4.1 | <0.1 | **55** | <0.1 | 1.8 |
| | | 06/02/09 | 44 | <0.1 | **6.2** | **11** | 2.5 | <0.1 | **24** | <0.1 | 0.6 |
| | | 12/02/09 | 121 | 0.1 j | **21** | **34** | 3.2 | 0.2 j | **62** | 0.3 j | 1.9 |
| | | 06/21/10 | 39 | <0.1 | **6.3** | **9.7** | 1.5 j | <0.1 | **21** | <0.2 | 0.7 |
| | | 12/01/10 | 113 | <0.1 | **18** | **34** | 3.1 | <0.2 | **58** | 0.3 j | 2.2 |
| | | 06/22/11 | 32 | <0.1 | **5.3** | **8.6** | 1.3 j | <0.1 | **17** | <0.1 | 0.6 |
| | | 11/03/11 | 61 | <0.1 | **11** | **17** | 1.1 j | <0.2 | **32** | 0.2 j | 1.3 |
| | | 05/17/12 | 33 | <0.1 | 4.5 | **8.8** | 1.6 j | <0.1 | **18** | <0.1 | 0.5 |
| | | 10/17/12 | 106 | <0.1 | **19** | **32** | 3 | <0.2 | **52** | <0.1 | 2.4 |
| | | 04/30/13 | 29 | <0.1 | **5.1** | **7.6** | <0.2 | <0.1 | **16** | <0.1 | 0.6 |
| | | 10/30/13 | 101 | <0.1 | **18** | **31** | 2.8 | <0.1 | **49** | <0.1 | 2.1 |
| PW-5 | A | 04/30/13 | 2.4 | <0.1 | 1.3 | 1.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | | 10/29/13 | 1.3 | <0.1 | 0.8 | 0.5 | <0.2 | <0.2 | <0.1 | <0.1 | <0.1 |

TABLE 3-1
Summary of Volatile Organic Compounds (2001 to Present)
*Honeywell International Inc./Former Synertek Building No. 1*
*3050 Coronado Drive, Santa Clara, California*

| | | | | Target VOCs | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Well ID** | **Aquifer** | **Date** | **Total Target VOCs (µg/L)** | **1,1,1-Trichloro ethane (µg/L)** | **1,1-Dichloro-ethane (µg/L)** | **1,1-Dichloro-ethene (µg/L)** | **Freon 113 (µg/L)** | **trans-1,2-Dichloro-ethene (µg/L)** | **Trichloro-ethene (µg/L)** | **Vinyl chloride (µg/L)** | **cis-1,2-Dichloro-ethene (µg/L)** |
| **Final Cleanup Standards** | | | **NA** | **200** | **5** | **6** | **1200** | **NA** | **5** | **0.5** | **NA** |
| MW-03B1 | B | 03/29/01 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <0.5 | <5 |
| | | 06/14/01 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <0.5 | <5 |
| | | 09/27/01 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <0.5 | <5 |
| | | 12/11/01 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <0.5 | <5 |
| | | 04/03/02 | <0.09 | <0.05 | <0.04 | <0.06 | <0.05 | <0.09 | <0.06 | <0.06 | <0.09 |
| | | 07/16/02 | <0.09 | <0.05 | <0.04 | <0.06 | <0.05 | <0.09 | <0.06 | <0.06 | <0.09 |
| | | 10/03/02 | <0.09 | <0.05 | <0.04 | <0.06 | <0.05 | <0.09 | <0.06 | <0.06 | <0.09 |
| | | 01/09/03 | 1.1 | <0.092 | <0.21 | <0.13 | 1.1 | <0.074 | <0.12 | <0.12 | <0.075 |
| | | 07/10/03 | <0.09 | <0.05 | <0.04 | <0.06 | <0.05 | <0.09 | <0.06 | <0.06 | <0.09 |
| | | 03/10/04 | <0.09 | <0.05 | <0.04 | <0.06 | <0.05 | <0.09 | <0.06 | <0.06 | <0.09 |
| | | 05/23/05 | <0.39 | <0.3 | <0.19 | <0.39 | <0.29 | <0.2 | <0.13 | <0.37 | <0.18 |
| | | 09/21/06 | <0.44 | <0.14 | <0.12 | <0.19 | <0.44 | <0.16 | <0.10 | <0.22 | <0.17 |
| | | 06/05/07 | <1.0 | <0.46 | <0.35 | <0.45 | <1.0 | <0.43 | <0.38 | <0.43 | <0.39 |
| | | 06/27/08 | <0.4 | <0.1 | <0.1 | <0.1 | <0.4 | <0.1 | <0.1 | <0.1 | <0.1 |
| | | 06/03/09 | <0.4 | <0.1 | <0.1 | <0.1 | <0.4 | <0.1 | <0.1 | <0.1 | <0.1 |
| | | 06/22/10 | <0.2 | <0.1 | <0.1 | <0.1 | <0.2 | <0.1 | <0.1 | <0.2 | <0.1 |
| | | 06/22/11 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | | 05/16/12 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | | 05/01/13 | <0.2 | <0.1 | <0.1 | <0.1 | <0.2 | <0.1 | <0.1 | <0.1 | <0.1 |

TABLE 3-1
Summary of Volatile Organic Compounds (2001 to Present)
*Honeywell International Inc./Former Synertek Building No. 1*
*3050 Coronado Drive, Santa Clara, California*

| | | | | Target VOCs | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Well ID** | **Aquifer** | **Date** | **Total Target VOCs (µg/L)** | **1,1,1-Trichloro ethane (µg/L)** | **1,1-Dichloro-ethane (µg/L)** | **1,1-Dichloro-ethene (µg/L)** | **Freon 113 (µg/L)** | **trans-1,2-Dichloro-ethene (µg/L)** | **Trichloro-ethene (µg/L)** | **Vinyl chloride (µg/L)** | **cis-1,2-Dichloro-ethene (µg/L)** |
| **Final Cleanup Standards** | | | **NA** | **200** | **5** | **6** | **1200** | **NA** | **5** | **0.5** | **NA** |
| MW-04B | B | 03/29/01 | 14 | 0.3 j | 0.4 j | <5 | <5 | <5 | **13** | <0.5 | 0.9 j |
| | | 06/14/01 | 102 | 3 j | 4 j | <5 | <5 | <5 | **95** | <0.5 | 9 |
| | | 09/27/01 | 74 | 1 j | 5 j | 2 j | <5 | <5 | **66** | <0.5 | 21 |
| | | 12/11/01 | 824 | 34 | **47** | **26** | 35 | 0.8 j | **679** | **1.7** | 93 |
| | | 04/03/02 | 21 | 0.085 j | **12** | 4.2 | 0.1 j | 0.52 j | 3.1 | **0.52 j** | 150 |
| | | 07/16/02 | 382 | 3.8 j | **21** | **10** | 20 | <0.9 | **320** | **6.7 j** | 100 |
| | | 10/03/02 | 269 | 4.3 j | **30** | **10** | 32 | <0.9 | **53** | **140** | 300 |
| | | 01/09/03 | 5.44 | <0.092 | <0.21 | <0.13 | <0.094 | <0.074 | 4.2 | **.7** | 0.54 |
| | | 07/10/03 | 20 | <0.25 | 0.69 j | 0.45 j | <0.25 | <0.45 | **18** | **1.1 j** | 2.3 j |
| | | 03/10/04 | 5.3 | <0.05 | 0.092 j | <0.06 | <0.05 | 0.16 j | 5 | <0.06 | 0.64 |
| | | 05/23/05 | 4.6 | <1.5 | <0.95 | <2 | <1.5 | <1 | 4.6 j | <1.9 | <0.9 |
| | | 09/21/06 | 63 | <0.14 | 2.6 | 1.8 | <0.44 | 32 | **24** | **2.2** | 27 |
| | | 06/05/07 | 26 | <0.46 | 1.1 | 0.48 j | <1.0 | 3.6 | **21** | <0.43 | 5.1 |
| | | 06/25/08 | 1035 | 1.7 | **150 j** | **180 j** | 29 | <1.0 | **700** | **5.4** | 86 j |
| | | 06/03/09 | 484 | <1.0 | **20** | **6.9** | 18 | <0.7 | **440** | <0.8 | 56 |
| | | 06/22/10 | 248 | <0.4 | **9.7** | 2.6 | 3.3 j | 1.1 j | **230** | <0.5 | 37 |
| | | 12/02/10 | 195 | <0.1 | **9** | 3.3 | 1.7 j | 0.5 | **180** | 0.2 j | 38 |
| | | 06/23/11 | 35 | <0.4 | **11** | 4.1 | 5.7 | 8.2 | 3.5 | <0.3 | 220 |
| | | 08/15/11 | 16 | <0.1 | 3.9 | 1.5 | 0.4 j | 0.3 j | **7.8** | **2.1** | 95 |
| | | 11/04/11 | 19 | 0.1 j | 2.9 | 1.1 | 0.3 j | 0.3 j | **8.1** | **6.1** | 51 j |
| | | 02/23/12 | 73 | <0.1 | 3.2 | 1.1 | 0.3 j | 0.2 j | **36** | **3.6** | 29 |
| | | 05/16/12 | 57 | <0.1 | 4 | 1.6 | 0.5 j | 0.3 j | **44** | **6.2** | 42 |
| | | 10/17/12 | 58 | <0.5 | **15** | 4.9 | <0.5 | 4.9 | **21** | **12** | 280 |
| | | 04/29/13 | 69 | <0.1 | 4.7 | 1.5 | <0.1 | <0.1 | **56** | **6.9** | 52 |
| | | 10/30/13 | 133 | <0.2 | **12** | 4.2 | 5.3 | 1.3 | **52** | **58** | 170 |

TABLE 3-1
Summary of Volatile Organic Compounds (2001 to Present)
*Honeywell International Inc./Former Synertek Building No. 1*
*3050 Coronado Drive, Santa Clara, California*

| | | | | Target VOCs | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Well ID** | **Aquifer** | **Date** | **Total Target VOCs (µg/L)** | **1,1,1-Trichloro ethane (µg/L)** | **1,1-Dichloro-ethane (µg/L)** | **1,1-Dichloro-ethene (µg/L)** | **Freon 113 (µg/L)** | **trans-1,2-Dichloro-ethene (µg/L)** | **Trichloro-ethene (µg/L)** | **Vinyl chloride (µg/L)** | **cis-1,2-Dichloro-ethene (µg/L)** |
| **Final Cleanup Standards** | | | **NA** | **200** | **5** | **6** | **1200** | **NA** | **5** | **0.5** | **NA** |
| MW-10B | B | 03/29/01 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <0.5 | <5 |
| | | 06/13/01 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <0.5 | <5 |
| | | 09/27/01 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <0.5 | <5 |
| | | 12/11/01 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <0.5 | <5 |
| | | 04/03/02 | <0.09 | <0.05 | <0.04 | <0.06 | <0.05 | <0.09 | <0.06 | <0.06 | <0.09 |
| | | 07/17/02 | <0.09 | <0.05 | <0.04 | <0.06 | <0.05 | <0.09 | <0.06 | <0.06 | <0.09 |
| | | 10/03/02 | <0.09 | <0.05 | <0.04 | <0.06 | <0.05 | <0.09 | <0.06 | <0.06 | <0.09 |
| | | 01/08/03 | <0.21 | <0.092 | <0.21 | <0.13 | <0.094 | <0.074 | <0.12 | <0.12 | <0.075 |
| | | 07/10/03 | 0.11 | <0.05 | <0.04 | <0.06 | <0.05 | <0.09 | 0.11 j | <0.06 | <0.09 |
| | | 03/09/04 | <0.09 | <0.05 | <0.04 | <0.06 | <0.05 | <0.09 | <0.06 | <0.06 | <0.09 |
| | | 05/23/05 | <0.39 | <0.3 | <0.19 | <0.39 | <0.29 | <0.2 | <0.13 | <0.37 | <0.18 |
| | | 09/21/06 | <0.44 | <0.14 | <0.12 | <0.19 | <0.44 | <0.16 | <0.10 | <0.22 | <0.17 |
| | | 06/04/07 | <1.0 | <0.46 | <0.35 | <0.45 | <1.0 | <0.43 | <0.38 | <0.43 | <0.39 |
| | | 06/25/08 | <0.4 | <0.1 | <0.1 | <0.1 | <0.4 | <0.1 | <0.1 | <0.1 | <0.1 |
| | | 06/02/09 | <0.4 | <0.1 | <0.1 | <0.1 | <0.4 | <0.1 | <0.1 | <0.1 | <0.1 |
| | | 06/22/10 | 0.1 | <0.1 | <0.1 | <0.1 | <0.2 | <0.1 | 0.1 j | <0.2 | <0.1 |
| | | 06/24/11 | <0.2 | <0.1 | <0.1 | <0.1 | <0.2 | <0.1 | <0.1 | <0.1 | <0.1 |
| | | 05/14/12 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | | 05/01/13 | <0.2 | <0.1 | <0.1 | <0.1 | <0.2 | <0.1 | <0.1 | <0.1 | <0.1 |

TABLE 3-1
Summary of Volatile Organic Compounds (2001 to Present)
*Honeywell International Inc./Former Synertek Building No. 1*
*3050 Coronado Drive, Santa Clara, California*

| | | | | Target VOCs | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Well ID** | **Aquifer** | **Date** | **Total Target VOCs (µg/L)** | **1,1,1-Trichloro ethane (µg/L)** | **1,1-Dichloro-ethane (µg/L)** | **1,1-Dichloro-ethene (µg/L)** | **Freon 113 (µg/L)** | **trans-1,2-Dichloro-ethene (µg/L)** | **Trichloro-ethene (µg/L)** | **Vinyl chloride (µg/L)** | **cis-1,2-Dichloro-ethene (µg/L)** |
| **Final Cleanup Standards** | | | **NA** | **200** | **5** | **6** | **1200** | **NA** | **5** | **0.5** | **NA** |
| MW-12B | B | 03/29/01 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <0.5 | <5 |
| | | 06/14/01 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <0.5 | <5 |
| | | 09/27/01 | 0.7 | <5 | <5 | <5 | <5 | <5 | 0.7 j | <0.5 | <5 |
| | | 12/11/01 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <0.5 | <5 |
| | | 04/03/02 | <0.09 | <0.05 | <0.04 | <0.06 | <0.05 | <0.09 | <0.06 | <0.06 | <0.09 |
| | | 07/17/02 | <0.09 | <0.05 | <0.04 | <0.06 | <0.05 | <0.09 | <0.06 | <0.06 | <0.09 |
| | | 10/03/02 | <0.09 | <0.05 | <0.04 | <0.06 | <0.05 | <0.09 | <0.06 | <0.06 | <0.09 |
| | | 01/09/03 | 0.16 | <0.092 | <0.21 | <0.13 | <0.094 | <0.074 | 0.16 j | <0.12 | <0.075 |
| | | 07/09/03 | <0.09 | <0.05 | <0.04 | <0.06 | <0.05 | <0.09 | <0.06 | <0.06 | <0.09 |
| | | 09/04/03 | <0.09 | <0.05 | <0.04 | <0.06 | <0.05 | <0.09 | <0.06 | <0.06 | <0.09 |
| | | 03/10/04 | <0.09 | <0.05 | <0.04 | <0.06 | <0.05 | <0.09 | <0.06 | <0.06 | <0.09 |
| | | 09/02/04 | <0.09 | <0.05 | <0.04 | <0.06 | <0.05 | <0.09 | <0.06 | <0.06 | <0.09 |
| | | 05/23/05 | <0.39 | <0.3 | <0.19 | <0.39 | <0.29 | <0.2 | <0.13 | <0.37 | <0.18 |
| | | 09/15/05 | <0.39 | <0.3 | <0.19 | <0.39 | <0.29 | <0.2 | <0.13 | <0.37 | <0.18 |
| | | 09/21/06 | <0.44 | <0.14 | <0.12 | <0.19 | <0.44 | <0.16 | <0.10 | <0.22 | <0.17 |
| | | 11/01/06 | <0.44 | <0.14 | <0.12 | <0.19 | <0.44 | <0.16 | <0.20 | <0.22 | <0.17 |
| | | 06/05/07 | <1.0 | <0.46 | <0.35 | <0.45 | <1.0 | <0.43 | <0.38 | <0.43 | <0.39 |
| | | 11/08/07 | <1.0 | <0.39 | <0.37 | <0.43 | <1.0 | <0.41 | <0.31 | <0.43 | <0.36 |
| | | 06/25/08 | <0.4 | <0.1 | <0.1 | <0.1 | <0.4 | <0.1 | <0.1 | <0.1 | <0.1 |
| | | 11/20/08 | <0.4 | <0.1 | <0.1 | <0.1 | <0.4 | <0.1 | <0.1 | <0.1 | <0.1 |
| | | 06/03/09 | <0.4 | <0.1 | <0.1 | <0.1 | <0.4 | <0.1 | <0.1 | <0.1 | <0.1 |
| | | 12/03/09 | <0.4 | <0.1 | <0.1 | <0.1 | <0.4 | <0.1 | <0.1 | <0.1 | <0.1 |
| | | 06/22/10 | <0.2 | <0.1 | <0.1 | <0.1 | <0.2 | <0.1 | <0.1 | <0.2 | <0.1 |
| | | 12/01/10 | <0.2 | <0.1 | <0.1 | <0.1 | <0.1 | <0.2 | <0.1 | <0.1 | <0.1 |
| | | 06/23/11 | <0.2 | <0.1 | <0.1 | <0.1 | <0.2 | <0.1 | <0.1 | <0.1 | <0.1 |
| | | 11/03/11 | <0.2 | <0.1 | <0.1 | <0.1 | <0.2 | <0.1 | <0.1 | <0.2 | <0.1 |
| | | 05/15/12 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | | 10/17/12 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | | 04/29/13 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | | 10/30/13 | <0.2 | <0.1 | <0.1 | <0.1 | <0.2 | <0.1 | <0.1 | <0.1 | <0.1 |

TABLE 3-1
Summary of Volatile Organic Compounds (2001 to Present)
*Honeywell International Inc./Former Synertek Building No. 1*
*3050 Coronado Drive, Santa Clara, California*

| | | | | Target VOCs | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Well ID** | **Aquifer** | **Date** | **Total Target VOCs (µg/L)** | **1,1,1-Trichloro ethane (µg/L)** | **1,1-Dichloro-ethane (µg/L)** | **1,1-Dichloro-ethene (µg/L)** | **Freon 113 (µg/L)** | **trans-1,2-Dichloro-ethene (µg/L)** | **Trichloro-ethene (µg/L)** | **Vinyl chloride (µg/L)** | **cis-1,2-Dichloro-ethene (µg/L)** |
| **Final Cleanup Standards** | | | **NA** | **200** | **5** | **6** | **1200** | **NA** | **5** | **0.5** | **NA** |
| MW-20B | B | 03/29/01 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <0.5 | <5 |
| | | 06/14/01 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <0.5 | <5 |
| | | 09/27/01 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <0.5 | <5 |
| | | 12/11/01 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <0.5 | <5 |
| | | 04/03/02 | <0.09 | <0.05 | <0.04 | <0.06 | <0.05 | <0.09 | <0.06 | <0.06 | <0.09 |
| | | 07/17/02 | <0.09 | <0.05 | <0.04 | <0.06 | <0.05 | <0.09 | <0.06 | <0.06 | <0.09 |
| | | 10/03/02 | <0.09 | <0.05 | <0.04 | <0.06 | <0.05 | <0.09 | <0.06 | <0.06 | <0.09 |
| | | 01/09/03 | <0.21 | <0.092 | <0.21 | <0.13 | <0.094 | <0.074 | <0.12 | <0.12 | <0.075 |
| | | 07/09/03 | <0.09 | <0.05 | <0.04 | <0.06 | <0.05 | <0.09 | <0.06 | <0.06 | <0.09 |
| | | 03/10/04 | <0.09 | <0.05 | <0.04 | <0.06 | <0.05 | <0.09 | <0.06 | <0.06 | <0.09 |
| | | 05/23/05 | <0.39 | <0.3 | <0.19 | <0.39 | <0.29 | <0.2 | <0.13 | <0.37 | <0.18 |
| | | 09/21/06 | <0.44 | <0.14 | <0.12 | <0.19 | <0.44 | <0.16 | <0.10 | <0.22 | <0.17 |
| | | 06/05/07 | <1.0 | <0.46 | <0.35 | <0.45 | <1.0 | <0.43 | <0.38 | <0.43 | <0.39 |
| | | 06/27/08 | <0.4 | <0.1 | <0.1 | <0.1 | <0.4 | <0.1 | <0.1 | <0.1 | <0.1 |
| | | 06/03/09 | <0.4 | <0.1 | <0.1 | <0.1 | <0.4 | <0.1 | <0.1 | <0.1 | <0.1 |
| | | 06/22/10 | <0.2 | <0.1 | <0.1 | <0.1 | <0.2 | <0.1 | <0.1 | <0.2 | <0.1 |
| | | 06/23/11 | <0.2 | <0.1 | <0.1 | <0.1 | <0.2 | <0.1 | <0.1 | <0.1 | <0.1 |
| | | 05/15/12 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | | 05/01/13 | <0.2 | <0.1 | <0.1 | <0.1 | <0.2 | <0.1 | <0.1 | <0.1 | <0.1 |

TABLE 3-1
Summary of Volatile Organic Compounds (2001 to Present)
*Honeywell International Inc./Former Synertek Building No. 1*
*3050 Coronado Drive, Santa Clara, California*

| | | | | Target VOCs | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Well ID** | **Aquifer** | **Date** | **Total Target VOCs (µg/L)** | **1,1,1-Trichloro ethane (µg/L)** | **1,1-Dichloro-ethane (µg/L)** | **1,1-Dichloro-ethene (µg/L)** | **Freon 113 (µg/L)** | **trans-1,2-Dichloro-ethene (µg/L)** | **Trichloro-ethene (µg/L)** | **Vinyl chloride (µg/L)** | **cis-1,2-Dichloro-ethene (µg/L)** |
| **Final Cleanup Standards** | | | **NA** | **200** | **5** | **6** | **1200** | **NA** | **5** | **0.5** | **NA** |
| MW-25B | B | 03/27/01 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | | 06/13/01 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | | 09/27/01 | <5 | <5 | <5 | <5 | <6 | <5 | <5 | <0.5 | <5 |
| | | 12/10/01 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <0.5 | <5 |
| | | 04/03/02 | <0.09 | <0.05 | <0.04 | <0.06 | <0.05 | <0.09 | <0.06 | <0.06 | <0.09 |
| | | 07/16/02 | <0.09 | <0.05 | <0.04 | <0.06 | <0.05 | <0.09 | <0.06 | <0.06 | <0.09 |
| | | 10/02/02 | <0.09 | <0.05 | <0.04 | <0.06 | <0.05 | <0.09 | <0.06 | <0.06 | <0.09 |
| | | 01/08/03 | <0.21 | <0.092 | <0.21 | <0.13 | <0.094 | <0.074 | <0.12 | <0.12 | <0.075 |
| | | 07/09/03 | <0.09 | <0.05 | <0.04 | <0.06 | <0.05 | <0.09 | <0.06 | <0.06 | <0.09 |
| | | 03/09/04 | <0.09 | <0.05 | <0.04 | <0.06 | <0.05 | <0.09 | <0.06 | <0.06 | <0.09 |
| | | 05/23/05 | <0.39 | <0.3 | <0.19 | <0.39 | <0.29 | <0.2 | <0.13 | <0.37 | <0.18 |
| | | 09/21/06 | <0.44 | <0.14 | <0.12 | <0.19 | <0.44 | <0.16 | <0.10 | <0.22 | <0.17 |
| | | 06/04/07 | <1.0 | <0.46 | <0.35 | <0.45 | <1.0 | <0.43 | <0.38 | <0.43 | <0.39 |
| | | 06/27/08 | <0.4 | <0.1 | <0.1 | <0.1 | <0.4 | <0.1 | <0.1 | <0.1 | <0.1 |
| | | 06/03/09 | <0.4 | <0.1 | <0.1 | <0.1 | <0.4 | <0.1 | <0.1 | <0.1 | <0.1 |
| | | 06/21/10 | <0.2 | <0.1 | <0.1 | <0.1 | <0.2 | <0.1 | <0.1 | <0.2 | <0.1 |
| | | 06/22/11 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | | 05/16/12 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | | 04/29/13 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |

TABLE 3-1
Summary of Volatile Organic Compounds (2001 to Present)
*Honeywell International Inc./Former Synertek Building No. 1*
*3050 Coronado Drive, Santa Clara, California*

| | | | | Target VOCs | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Well ID** | **Aquifer** | **Date** | **Total Target VOCs (µg/L)** | **1,1,1-Trichloro ethane (µg/L)** | **1,1-Dichloro-ethane (µg/L)** | **1,1-Dichloro-ethene (µg/L)** | **Freon 113 (µg/L)** | **trans-1,2-Dichloro-ethene (µg/L)** | **Trichloro-ethene (µg/L)** | **Vinyl chloride (µg/L)** | **cis-1,2-Dichloro-ethene (µg/L)** |
| **Final Cleanup Standards** | | | **NA** | **200** | **5** | **6** | **1200** | **NA** | **5** | **0.5** | **NA** |
| PW-3 | B | 03/28/01 | 53 | 4 j | 2 j | <5 | <5 | <5 | **46** | **0.7** | <5 |
| | | 06/13/01 | 14 | <5 | 1 j | <5 | <5 | <5 | **12** | 0.5 | 2 j |
| | | 09/27/01 | 2 | <5 | <5 | <5 | <5 | <5 | 2 j | <0.5 | <5 |
| | | 12/11/01 | 5 | <5 | <5 | <5 | <5 | <5 | 5 j | <0.5 | <5 |
| | | 04/03/02 | 1.5 | <0.05 | <0.04 | <0.06 | <0.05 | <0.09 | 1.5 | <0.06 | 0.21 j |
| | | 07/16/02 | 1.2 | <0.05 | 0.16 j | 0.076 j | <0.05 | <0.09 | 1 | <0.06 | 0.19 j |
| | | 10/03/02 | 0.9 | <0.05 | <0.04 | <0.06 | <0.05 | <0.09 | 0.9 j | <0.06 | 0.21 j |
| | | 01/09/03 | 0.81 | <0.092 | <0.21 | <0.13 | <0.094 | <0.074 | 0.81 j | <0.12 | 0.08 j |
| | | 07/10/03 | 1 | <0.05 | <0.04 | <0.06 | <0.05 | <0.09 | 1 | <0.06 | 0.16 j |
| | | 03/10/04 | 1.6 | <0.05 | 0.19 j | <0.06 | <0.05 | <0.09 | 1.4 | <0.06 | 0.26 j |
| | | 05/23/05 | 52 | <0.3 | **5.4** | 1.5 | 0.68 j | 0.2 j | **44** | <0.37 | 5.3 |
| | | 09/21/06 | 1.6 | <0.14 | 0.21 j | <0.19 | <0.44 | <0.16 | 1.4 | <0.22 | 0.28 j |
| | | 06/05/07 | 1.3 | <0.46 | <0.35 j | <0.45 | <1.0 | <0.43 | 1.3 | <0.43 | <0.39 |
| | | 06/25/08 | <0.4 | <0.1 | <0.1 | <0.1 | <0.4 | <0.1 | <0.1 | <0.1 | <0.1 |
| | | 06/02/09 | <0.4 | <0.1 | <0.1 | <0.1 | <0.4 | <0.1 | <0.1 | <0.1 | <0.1 |
| | | 06/22/10 | 1.3 | <0.1 | 0.1 j | <0.1 | <0.2 | <0.1 | 1.2 | <0.2 | 0.2 j |
| | | 12/02/10 | 1 | <0.1 | 0.1 j | <0.1 | <0.1 | <0.2 | 0.9 | <0.1 | 0.1 j |
| | | 06/24/11 | 50 | 0.3 j | 4.5 | 1.2 | <0.2 | 0.1 j | **44** | <0.1 | 14 |
| | | 08/15/11 | 64 | <0.1 | 4.6 | 1.3 | <0.2 | 0.5 | **57** | 0.5 | 25 |
| | | 11/04/11 | 0.6 | <0.1 | <0.1 | 0.2 j | <0.1 | <0.1 | <0.1 | 0.4 j | 21 |
| | | 05/15/12 | 30 | <0.1 | 0.9 | 0.4 j | <0.1 | 0.3 j | <0.1 | **28** | 2 |
| | | 04/30/13 | 20 | <0.1 | <0.2 | <0.2 | <0.1 | <0.2 | <0.1 | **20** | <0.1 |

Notes:
Detections in bold exceed Final Cleanup Standards
Only analytical results from primary samples are shown
µg/L = micrograms per liter
NA = Not Applicable
<5 = not detected above listed reporting limit, or method detection limit if provided by laboratory
j = estimated value below reporting limit
-- = not analyzed
* = Results are for field duplicate sample DUP-1. Results for MW-12A were approximately 5 time less than those for DUP-1, likely due to the laboratory not accounting for the correct dilution factor.

TABLE 3-2
Summary of Monitored Natural Attenuation Parameters
*Honeywell International Inc./Former Synertek Building No. 1*
*3050 Coronado Drive, Santa Clara, California*

| | | | | | Electron Acceptors | | | | | | Electron Donors | | | Degradation Products and Indicators | | | | | Nutrients | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Well | Aquifer | Date | DO (mg/L) | ORP (mV) | Nitrate As N (mg/L) | Nitrite As N (mg/L) | Manganese (II) (mg/L) | Ferrous Iron (mg/L) | Sulfate (mg/L) | Sulfide (mg/L) | BOD (mg/L) | COD (mg/L) | TOC (mg/L) | Alkalinity (mg/L) | Chloride (mg/L) | Ethane (µg/L) | Ethene (µg/L) | Methane (µg/L) | Ammonia as N (mg/L) | Phosphorus (mg/L) | Potassium (mg/L) | pH |
| MW-01A | A | 03/28/01 | 1.06 | 105 | 0.08 | -- | 15 | 2.6 | 176 | <0.1 | 24 | 28 | 18 | 558 | 61 | <3 | <3 | 21 | 0.2 | 0.2 | 1.8 | 7.31 |
| | | 06/13/01 | 1.32 | -31 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.22 |
| | | 09/27/01 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.98 |
| | | 12/11/01 | 1.00 | 82 | 0.73 | -- | 7.2 | <0.05 | 188 | <0.2 | 5.7 | 28 | 2.9 | 550 | 73 | 0.01 | 0.007 | 0.47 | <0.2 | 0.17 | 1.8 | 7.30 |
| | | 04/03/02 | 0.32 | -139 | 0.18 | <0.018 | 0.08 | <0.1 | 220 | <0.1 | 1.6 | <20 | 49 | 550 | 58 | <12 | <18 | <5.6 | <0.05 | 0.16 | 1.2 j | 6.83 |
| | | 07/17/02 | 0.16 | -69 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.15 |
| | | 10/03/02 | 2.63 | -17 | <0.1 | <0.1 | 1.2 | <0.1 | 220 | <0.1 | <1 | 25 | 1.6 | 560 | 57 | <12 | <18 | <5.6 | <0.05 | 0.13 | <2.5 | 7.15 |
| | | 01/08/03 | 0.59 | -33 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.29 |
| | | 07/09/03 | 0.00 | -60 | 0.049 j | <0.01 | 0.13 | <0.028 | 190 | <0.1 | 1.4 j | <20 | 0.74 j | 530 | 57 | <12 | <18 | <5.6 | <0.025 | 0.22 | 1.2 j | 7.02 |
| | | 03/10/04 | 0.22 | 10 | <0.04 | <0.01 | 0.08 | <0.028 | 200 | <0.14 | <2* | 17 j | 1.4 | 480 | 58 | <12 | <18 | <5.6 | 0.06 | 0.3 | 1.2 j | 6.51 |
| | | 05/23/05 | 0.00 | 245 | 0.06 j | <0.3 | 0.062 | 0.83 | 211 | <1.4 | <4 | <8 | 3.7 j | 528 | 57.7 | <0.35 | <0.55 | <0.3 | 0.12 j | 0.4 | <1 | 6.93 |
| | | 09/21/06 | 0.40 | -67 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.01 |
| | | 06/04/07 | 0.88 | 32 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.02 |
| | | 06/25/08 | 0.40 | -7.7 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.01 |
| | | 06/03/09 | 0.68 | 51.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.16 |
| | | 06/22/11 | 0.27 | 408 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 3.31 |
| | | 05/15/12 | 0.70 | 29 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 8.49 |
| | | 04/29/13 | 0.87 | 5.8 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.92 |
| MW-02A | A | 12/02/09 | 3.05 | -91 | <0.05 | -- | -- | -- | 450 | <0.04 | -- | -- | 2.0 | -- | -- | <0.005 | <0.005 | 0.014 | -- | -- | -- | 8.59 |
| MW-07A | A | 03/29/01 | 1.09 | -71 | 0.57 | -- | 0.53 | 0.11 | 175 | <0.1 | 8.7 | 19 | 2.7 | 582 | 67 | <3 | <3 | <3 | <0.2 | 0.2 | 1.2 | 7.15 |
| | | 06/14/01 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | | 09/27/01 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.83 |
| | | 12/11/01 | 0.00 | 45 | 1.2 | -- | 0.47 | <0.05 | 63 | <0.2 | 6.6 | 13 j | 4.6 | 160 | 32 | 0.03 | 0.05 | 3.9 | <0.2 | 0.06 | 2.7 | 6.47 |
| | | 04/03/02 | 0.72 | 74 | 0.17 | <0.018 | 0.13 | <0.1 | 260 | <0.1 | <1 | <20 | 16 | 560 | 64 | <12 | <18 | <5.6 | <0.05 | 0.05 | 0.68 j | 6.65 |
| | | 07/16/02 | 0.00 | 243 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.97 |
| | | 10/03/02 | 2.24 | 117 | <0.1 | <0.1 | 0.32 | <0.1 | 250 | <0.1 | <1 | 81 | 2.1 | 560 | 65 | <12 | <18 | <5.6 | <0.05 | 0.08 | <2.5 | 6.84 |
| | | 01/08/03 | 0.24 | 47 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.16 |
| | | 07/10/03 | 0.00 | -39 | 0.057 j | <0.01 | 0.34 | <0.028 | 210 | <0.1 | 5.9 | <20 | 1.3 | 510 | 56 | <12 | <18 | <5.6 | <0.025 | <0.02 | <0.56 | 6.78 |
| | | 03/09/04 | 0.00 | 139 | <0.04 | <0.01 | 0.18 | <0.028 | 270 | <0.14 | <2* | 13 j | <0.23 | 520 | 68 | <12 | <18 | <5.6 | 0.48 | 0.087 | 0.76 j | 6.71 |
| | | 05/23/05 | 0.00 | 257 | 0.06 j | <0.3 | 0.17 | 0.02 j | 238 | <1.4 | <4 | <8 | 1.8 | 508 | 53.4 | <0.35 | <0.55 | 2.8 | 0.11 j | 0.09 | <1 | 6.88 |
| | | 09/21/06 | 0.28 | -93 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.01 |
| | | 06/05/07 | 1.45 | 79 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.74 |
| | | 06/03/09 | 0.31 | 221.90 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.06 |
| | | 12/02/09 | 2.78 | 57 | <0.05 | -- | -- | -- | 260 | -- | -- | -- | 0.82 | -- | -- | -- | -- | -- | -- | -- | -- | 8.08 |
| | | 06/22/10 | 0.01 | 62 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.92 |
| | | 12/02/10 | 1.30 | 64 | -- | -- | 0.10 | 0.26 | 220 | <0.04 | -- | -- | 1.7 | 570 | -- | <1 | <1 | 3.71 | -- | 0.081 | -- | 6.64 |
| | | 06/23/11 | 0.27 | -197 | <0.05 | -- | 3.00 | 4.40 | 0.087 j | 2.1 | -- | -- | 120 | 1,100 | -- | 0.0005 j | 0.002 j | 0.008 | -- | 1.8 | -- | 6.50 |
| | | 08/15/11 | -- | -- | <0.05 | -- | -- | -- | 0.64 | 0.65 | -- | -- | 55 | 1,100 | -- | <0.005 | <0.005 | 4.6 j | -- | 0.7 | -- | -- |
| | | 11/04/11 | 0.00 | -104 | <0.05 | -- | 2.10 | 40.00 | <0.23 | 0.11 | -- | -- | 16 | 1,000 | -- | <0.005 | <0.005 | 12 | -- | 0.4 | -- | 6.49 |
| | | 02/23/12 | 9.21 | -104 | 0.02 j | -- | 0.20 | 0.40 | 4.3 | 0.14 | -- | -- | 2.3 | 970 | -- | <0.005 | 0.0004 j | 13 | -- | 0.81 | -- | 6.78 |
| | | 05/16/12 | 0.29 | -110 | 0.03 j | -- | 0.60 | 1.25 | 86 | 0.07 | -- | -- | 2.5 | 870 | -- | <0.005 | <0.005 | 14 | -- | <0.03 | -- | 7.65 |
| | | 05/01/13 | 0.18 | -84.8 | -- | -- | 0.20 | 2.50 | 130 | <0.04 | -- | -- | 2.9 | 670 | -- | <0.005 | 0.012 | 11 | -- | <0.03 | -- | 6.57 |
| | | 10/29/13 | 0.21 | -25.3 | -- | -- | 0.20 | 2.00 | 170 | 0.05 | -- | -- | 3.3 | 660 | -- | <0.005 | 0.013 | 7.9 | -- | <0.03 | -- | 6.64 |
| MW-08A | A | 12/02/09 | 3.19 | -92 | <0.05 | -- | -- | -- | 400 | <0.04 | -- | -- | 2.1 | -- | -- | <0.005 | <0.005 | 0.008 | -- | -- | -- | 8.62 |
| MW-11A | A | 05/15/12 | 0.47 | 79 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.91 |

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*Honeywell International Inc./Former Synertek Building No. 1*
*3050 Coronado Drive, Santa Clara, California*

| | | | | | Electron Acceptors | | | | | | Electron Donors | | | Degradation Products and Indicators | | | | | Nutrients | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Well** | **Aquifer** | **Date** | **DO (mg/L)** | **ORP (mV)** | **Nitrate As N (mg/L)** | **Nitrite As N (mg/L)** | **Manganese (II) (mg/L)** | **Ferrous Iron (mg/L)** | **Sulfate (mg/L)** | **Sulfide (mg/L)** | **BOD (mg/L)** | **COD (mg/L)** | **TOC (mg/L)** | **Alkalinity (mg/L)** | **Chloride (mg/L)** | **Ethane (µg/L)** | **Ethene (µg/L)** | **Methane (µg/L)** | **Ammonia as N (mg/L)** | **Phosphorus (mg/L)** | **Potassium (mg/L)** | **pH** |
| MW-12A | A | 03/28/01 | -- | -- | <0.1 | -- | 0.42 | 6.5 | 222 | <0.1 | 17 | 19 | 16 | 565 | 69 | <3 | <3 | 16 | 0.1 j | 0.2 | 1.8 | -- |
| | | 06/13/01 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | | 09/27/01 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.18 |
| | | 12/11/01 | 1.20 | -16 | 0.27 | -- | 0.258 | <0.05 | 23 | <0.2 | 6.9 | 19 j | 5.7 | 134 | 27 | 0.01 | 0.04 | 1.1 | 0.15 j | 0.3 | 4 | 7.28 |
| | | 04/03/02 | 0.00 | -99 | 0.18 | <0.018 | 0.31 | 0.94 | 320 | <0.1 | <1 | 21 | 11 | 540 | 84 | <12 | <18 | 22 | <0.05 | 0.1 | 1.6 j | 7.39 |
| | | 07/17/02 | 0.00 | -140 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.93 |
| | | 10/03/02 | 2.90 | -136 | <0.1 | <0.1 | 0.31 | 0.71 | 360 | <0.1 | <1 | 58 | 2.2 | 580 | 99 | <12 | <18 | 10 | 0.05 | 0.16 | <2.5 | 7.06 |
| | | 01/09/03 | 0.00 | -128 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.02 |
| | | 07/09/03 | 0.00 | -141 | <0.04 | <0.01 | 0.26 | 0.41 | 290 | <0.1 | <1 | <20 | 0.99 | 540 | 81 | <12 | <18 | <5.6 | 0.055 | 0.13 | 0.62 j | 6.94 |
| | | 03/10/04 | 0.00 | -114 | <0.04 | <0.01 | 0.28 | <0.028 | 330 | 0.15 j | <2* | 59 | 0.27 j | 520 | 84 | <12 | <18 | <5.6 | 0.11 | 0.35 | 1.5 j | 6.57 |
| | | 05/23/05 | 0.00 | -126 | <0.03 | <0.3 | 0.288 | 1.97 | 361 | <1.4 | <4 | <8 | 1.4 | 550 | 93.4 | <0.35 | <0.55 | 23 | 0.19 j | 0.19 | 1.05 j | 7.03 |
| | | 09/21/06 | 0.43 | -113 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.93 |
| | | 06/05/07 | 0.49 | -81 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.96 |
| | | 06/25/08 | 0.84 | -139 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.00 |
| | | 06/03/09 | 0.39 | -52.10 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.01 |
| | | 12/03/09 | 2.72 | -97 | 0.9 | -- | -- | -- | 380 | -- | -- | -- | 1.9 | -- | -- | -- | -- | -- | -- | -- | -- | 8.20 |
| | | 06/22/10 | 0.00 | -91 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.98 |
| | | 06/23/11 | 0.22 | -144 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.05 |
| | | 05/15/12 | 0.56 | -91 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 8.43 |
| | | 04/29/13 | 0.10 | -47 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.87 |
| MW-15A | A | 05/15/12 | 0.30 | 31 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 8.39 |
| MW-17A | A | 12/03/09 | 3.07 | -153 | <0.05 | -- | -- | -- | 230 | 1 | -- | -- | 2.2 | -- | -- | <0.005 | <0.005 | 0.016 | -- | -- | -- | 8.66 |
| | | 05/16/12 | 0.29 | -15 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 8.85 |
| MW-18A | A | 05/16/12 | 0.32 | -126 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 8.37 |
| MW-19A | A | 12/03/09 | 2.81 | -144 | <0.05 | -- | -- | -- | 210 | 0.09 | -- | -- | 2.2 | -- | -- | <0.005 | <0.005 | 0.067 | -- | -- | -- | 8.66 |
| | | 05/16/12 | 0.45 | -116 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 8.82 |
| MW-21A | A | 12/02/09 | 2.88 | -37 | <0.05 | -- | -- | -- | 4.8 | 0.51 | -- | -- | 1.5 | -- | -- | <0.005 | <0.005 | 0.091 | -- | -- | -- | 10.17 |
| MW-25A | A | 03/27/01 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.15 |
| | | 06/13/01 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | | 09/27/01 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.88 |
| | | 12/10/01 | 1.04 | 27 | 1.5 | -- | 1.1 | <0.05 | 249 | <0.2 | 3.3 | 28 | <1 | 513 | 91 | 0.02 | 0.05 | 0.38 | <0.2 | 0.3 | 2.3 | 7.03 |
| | | 04/03/02 | 0.00 | 96 | 0.97 | <0.018 | 0.23 | <0.1 | 270 | <0.1 | <1 | <20 | 44 | 590 | 77 | <12 | <18 | <5.6 | <0.05 | 0.07 | 0.68 j | 7.24 |
| | | 07/16/02 | 0.19 | 54 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.08 |
| | | 10/02/02 | 4.15 | 64 | 1.1 | <0.01 | 0.61 | <0.1 | 100 | <0.1 | <1 | <20 | 1.5 | 580 | 85 | <12 | <18 | <5.6 | <0.05 | 0.076 | <2.5 | 6.99 |
| | | 01/08/03 | 0.21 | 1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.20 |
| | | 07/09/03 | 0.00 | 152 | 0.89 | <0.01 | 0.52 | <0.028 | 240 | <0.1 | <1 | <20 | 1.1 | 570 | 78 | <12 | <18 | <5.6 | <0.025 | <0.02 | 1.3 j | 6.92 |
| | | 03/09/04 | 0.00 | 117 | 0.46 | <0.01 | 0.24 | <0.028 | 250 | <0.14 | <2* | 13 j | <0.23 | 580 | 85 | <12 | <18 | <5.6 | <0.025 | 0.047 j | 1.1 j | 6.70 |
| | | 05/23/05 | 0.00 | 106 | 1.08 | <0.3 | 0.227 | 0.02 j | 219 | <1.4 | <4 | <8 | 1.5 | 618 | 85.2 | <0.35 | <0.55 | 0.64 | <0.05 | 0.08 | 1.04 j | 6.88 |
| | | 09/21/06 | 0.25 | -44 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.98 |
| | | 06/04/07 | 1.19 | 14 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.83 |
| | | 06/27/08 | 0.74 | 18.1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.88 |
| | | 06/02/09 | 0.36 | 47.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.05 |
| | | 06/21/10 | 5.30 | 129 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.04 |
| | | 06/22/11 | 0.56 | 85 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.06 |
| | | 05/16/12 | 0.41 | 49 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 8.23 |

TABLE 3-2
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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Well** | **Aquifer** | **Date** | **DO (mg/L)** | **ORP (mV)** | **Nitrate As N (mg/L)** | **Nitrite As N (mg/L)** | **Manganese (II) (mg/L)** | **Ferrous Iron (mg/L)** | **Sulfate (mg/L)** | **Sulfide (mg/L)** | **BOD (mg/L)** | **COD (mg/L)** | **TOC (mg/L)** | **Alkalinity (mg/L)** | **Chloride (mg/L)** | **Ethane (µg/L)** | **Ethene (µg/L)** | **Methane (µg/L)** | **Ammonia as N (mg/L)** | **Phosphorus (mg/L)** | **Potassium (mg/L)** | **pH** |
| MW-25A | A | 04/29/13 | 0.44 | 59.6 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.83 |
| MW-29A | A | 03/27/01 | 0.54 | 58 | <0.1 | -- | 1.1 | 4.1 | 258 | <0.1 | 23 | 28 | 19 | 615 | 83 | <3 | <3 | 14 | 0.2 | 0.39 | 2.5 | 7.06 |
| | | 06/14/01 | 0.75 | -75 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.10 |
| | | 09/27/01 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.82 |
| | | 12/10/01 | 1.05 | 52 | 0.19 | -- | 0.37 | <0.05 | 222 | <0.2 | 3.3 | 7.2 j | 2.5 | 594 | 79 | 0.03 | 0.05 | 0.16 | <0.2 | 0.29 | 2.6 | 7.24 |
| | | 04/03/02 | 0.00 | -69 | <0.1 | <0.018 | 0.35 | 0.24 | 290 | <0.1 | <1 | <20 | 120 | 640 | 70 | <12 | <18 | 11 | <0.05 | 0.37 | 1.3 j | 7.14 |
| | | 07/16/02 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.78 |
| | | 10/02/02 | 0.00 | -109 | 9.4 j | <1 | 0.35 | 0.75 | 290 | <0.1 | <1 | 48 | 1.6 | 630 | 75 | <12 | <18 | 24 | 0.083 | 0.22 | <2.5 | 6.83 |
| | | 01/08/03 | 0.17 | -98 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.96 |
| | | 07/08/03 | 0.00 | -120 | <0.04 | <0.01 | 0.31 | 0.29 | 260 | <0.1 | 1.4 j | <20 | 1.2 | 610 | 70 | <12 | <18 | <5.6 | 0.52 | 0.22 | 1.7 j | 6.91 |
| | | 09/04/03 | 0.00 | -116 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.91 |
| | | 03/08/04 | 0.00 | -113 | <0.04 | <0.01 | 0.33 | 0.041 j | 300 | <0.14 | <2* | 21 | 1.8 | 570 | 77 | <12 | <18 | <5.6 | 0.11 | 0.19 | 0.62 j | 6.72 |
| | | 09/02/04 | 0.00 | -143 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.73 |
| | | 05/23/05 | 0.00 | -61 | <0.03 | <0.3 | 0.334 | 0.89 | 281 | <1.4 | <4 | <8 | 1.4 | 600 | 71.9 | <0.35 | <0.55 | 8.9 | 0.09 j | 0.25 | 1.76 j | 7.07 |
| | | 09/15/05 | 0.01 | -102 | <0.05 | <0.002 | 0.353 | 0.3 j | 280 | <1.4 | 1.2 j | <7.6 | 1.8 | 610 | 71 | <0.35 | <0.55 | 8.5 | 0.05 j | 0.41 | 1.38 | 7.28 |
| | | 09/21/06 | 0.36 | -72 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.06 |
| | | 11/01/06 | 0.57 | -97 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.02 |
| | | 06/04/07 | 0.83 | -54 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.93 |
| | | 11/08/07 | 0.32 | -67.5 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.91 |
| | | 06/27/08 | 0.63 | 99 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.87 |
| | | 11/20/08 | 0.30 | -24.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.97 |
| | | 06/02/09 | 0.40 | -7.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.05 |
| | | 12/02/09 | 3.19 | -87 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 8.68 |
| | | 06/21/10 | 0.10 | -74 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.06 |
| | | 12/01/10 | 1.41 | -180 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.66 |
| | | 06/22/11 | 0.15 | 93 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 2.76 |
| | | 11/03/11 | 0.00 | -132 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.16 |
| | | 05/17/12 | 0.37 | -110 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 8.24 |
| | | 10/17/12 | 0.19 | -82.9 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.99 |
| | | 04/30/13 | 0.51 | -82.8 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.85 |
| MW-30A | A | 03/29/01 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.62 |
| | | 06/13/01 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | | 09/27/01 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.97 |
| | | 12/10/01 | 1.00 | 66 | 4.1 | -- | 0.84 | <0.05 | 244 | <0.2 | 7.2 | 19 j | 3.9 | 560 | 81 | <0.005 | 0.05 | 0.18 | <0.2 | 0.47 | 4.2 | 7.10 |
| | | 01/08/02 | 0.28 | -61 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.26 |
| | | 04/03/02 | 5.17 | 103 | 3.8 | 0.29 | 0.0091 j | <0.1 | 65 | <0.1 | <1 | <20 | 8.5 | 240 | 40 | <12 | <18 | <5.6 | <0.05 | 0.25 | 2 j | 7.86 |
| | | 07/17/02 | 0.00 | 154 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.18 |
| | | 10/02/02 | 3.72 | -56 | 0.56 | <0.01 | 0.33 | 0.039 j | 290 | <0.1 | <1 | <20 | 1.5 | 610 | 75 | <12 | <18 | <5.6 | <0.05 | 0.15 | <2.5 | 7.06 |
| | | 07/08/03 | 0.00 | -32 | 0.58 | <0.01 | 0.17 | <0.028 | 270 | <0.1 | 1.6 j | <20 | 0.94 | 620 | 74 | <12 | <18 | <5.6 | 0.31 | 0.09 | 1.1 j | 7.01 |
| | | 03/09/04 | 0.00 | 142 | 0.47 | <0.01 | 0.039 | <0.028 | 330 | <0.14 | <2* | <5.9 | 0.86 | 580 | 78 | <12 | <18 | <5.6 | <0.025 | 0.1 | 1.3 j | 6.86 |
| | | 05/23/05 | 0.00 | 22 | 0.21 | <0.3 | 0.223 | 0.07 j | 307 | <1.4 | <4 | <8 | 1.4 | 620 | 73.2 | <0.35 | <0.55 | 0.59 | <0.05 | 0.23 | 1.04 j | 6.96 |
| | | 09/21/06 | 0.34 | -44 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.05 |
| | | 06/04/07 | 0.67 | 32 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.86 |
| | | 06/27/08 | 0.90 | 14.7 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.89 |
| | | 06/02/09 | 0.41 | 47.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.09 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Well** | **Aquifer** | **Date** | **DO (mg/L)** | **ORP (mV)** | **Nitrate As N (mg/L)** | **Nitrite As N (mg/L)** | **Manganese (II) (mg/L)** | **Ferrous Iron (mg/L)** | **Sulfate (mg/L)** | **Sulfide (mg/L)** | **BOD (mg/L)** | **COD (mg/L)** | **TOC (mg/L)** | **Alkalinity (mg/L)** | **Chloride (mg/L)** | **Ethane (µg/L)** | **Ethene (µg/L)** | **Methane (µg/L)** | **Ammonia as N (mg/L)** | **Phosphorus (mg/L)** | **Potassium (mg/L)** | **pH** |
| MW-30A | A | 06/21/10 | 0.16 | 109 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.15 |
| | | 06/23/11 | 1.21 | -112 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.07 |
| | | 05/17/12 | 0.32 | -135 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 8.22 |
| | | 04/30/13 | 0.76 | 3 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.95 |
| MW-33A | A | 03/27/01 | 1.38 | 13 | **0.68** | -- | **0.28** | **1.1** | **234** | <0.1 | **25** | **28** | **17** | **600** | **73** | <3 | <3 | <3 | **0.2** | **0.2** | **1.6** | 7.17 |
| | | 06/15/01 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | | 09/27/01 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.68 |
| | | 12/10/01 | 1.03 | 16 | **1.1** | -- | **0.67** | <0.05 | **259** | <0.2 | **3.9** | <20 | **2.8** | **562** | **83** | **0.02** | **0.06** | **0.26** | <0.2 | **0.27** | **1.8** | 6.97 |
| | | 04/03/02 | 0.54 | 57 | **0.62** | <0.018 | **0.09** | <0.1 | **290** | <0.1 | <1 | <20 | **38** | **610** | **73** | <12 | <18 | <5.6 | <0.05 | **0.13** | <0.48 | 7.07 |
| | | 07/16/02 | 0.34 | 166 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.96 |
| | | 10/02/02 | 0.00 | -39 | **0.39** | <0.01 | **0.16** | <0.1 | **300** | <0.1 | <1 | <20 | **1.5** | **610** | **81** | <12 | <18 | <5.6 | **0.14** | **0.13** | <2.5 | 6.83 |
| | | 01/08/03 | 1.19 | 79 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.09 |
| | | 07/08/03 | 0.00 | 105 | **0.56** | <0.01 | **0.16** | <0.028 | **270** | <0.1 | **1.8 j** | <20 | **0.97** | **620** | **82** | <12 | <18 | <5.6 | **0.17** | **0.11** | **0.58 j** | 6.81 |
| | | 09/04/03 | 0.00 | 41 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.79 |
| | | 03/09/04 | 0.00 | 86 | **0.5** | <0.01 | **0.082** | <0.028 | **340** | <0.14 | <2* | <5.9 | **0.85** | **600** | **94** | <12 | <18 | <5.6 | <0.025 | **0.099** | **0.84 j** | 6.69 |
| | | 09/02/04 | 0.00 | -20 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.65 |
| | | 05/23/05 | 0.00 | 61.3 | **0.65** | <0.3 | **0.136** | **0.02 j** | **334** | <1.4 | <4 | **8 j** | **1.3** | **646** | **95.8** | <0.35 | <0.55 | <0.3 | <0.05 | **0.12** | <1 | 6.92 |
| | | 09/15/05 | 0.02 | 137 | **0.7** | **0.05** | **0.181** | <0.2 j | **350** | <1.4 | **0.85 j** | <7.6 | **1.6** | **630** | **100** | <0.35 | <0.55 | <0.3 | <0.02 | **0.12** | <1 | 7.13 |
| | | 09/21/06 | 0.58 | 8 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.92 |
| | | 11/01/06 | 0.39 | 18 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.85 |
| | | 06/05/07 | 1.02 | 55 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.50 |
| | | 11/08/07 | 0.54 | 94.5 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.79 |
| | | 06/27/08 | 0.61 | 92 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.67 |
| | | 11/20/08 | 0.52 | 89.20 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.78 |
| | | 06/02/09 | 0.43 | 47.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.93 |
| | | 12/02/09 | 3.00 | 172 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.72 |
| | | 06/21/10 | 0.21 | 195 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.91 |
| | | 12/01/10 | 1.42 | 306 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.39 |
| | | 06/23/11 | 0.56 | 214 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.94 |
| | | 11/03/11 | 0.00 | 174 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.94 |
| | | 05/17/12 | 0.64 | 73 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 8.09 |
| | | 10/17/12 | 0.27 | 38.5 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.77 |
| | | 04/29/13 | 0.87 | 176.5 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.78 |
| MW-34A | A | 03/27/01 | 0.60 | 88 | **0.74** | -- | **0.83** | **11** | **118** | <0.1 | **14** | **16** | **13** | **478** | **52** | <3 | <3 | <3 | **0.1 j** | **0.09** | **2** | 7.26 |
| | | 06/14/01 | 0.81 | 1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.02 |
| | | 09/27/01 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.77 |
| | | 12/10/01 | 1.11 | 87 | **0.4** | -- | **0.36** | <0.05 | **125** | <0.2 | **7.9** | **37** | **5.8** | **449** | **68** | **0.02** | **0.03** | **0.25** | <0.2 | **0.14** | **2.2** | 6.92 |
| | | 04/03/02 | 0.00 | 153 | **0.67** | <0.018 | **0.03** | <0.1 | **150** | <0.1 | **11** | <20 | **51** | **530** | **52** | <12 | <18 | <5.6 | <0.05 | **0.1** | **0.49 j** | 7.12 |
| | | 07/16/02 | 0.58 | 178 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.95 |
| | | 10/02/02 | 4.08 | 99 | **0.28** | <0.01 | **0.072** | <0.028 | **140** | <0.1 | <1 | <20 | **1.3** | **500** | **53** | <12 | <18 | <5.6 | <0.05 | **0.063** | <2.5 | 6.76 |
| | | 01/08/03 | 0.09 | 34 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.91 |
| | | 07/08/03 | 0.00 | 65 | **0.81** | <0.01 | **0.053** | <0.028 | **140** | <0.75 | **2** | <20 | **0.98** | **520** | **69** | <12 | <18 | <5.6 | **0.094** | <0.02 | **0.97 j** | 6.70 |
| | | 03/08/04 | 0.00 | 42 | **0.37** | **0.091 j** | **0.045** | <0.028 | **150** | <0.14 | <2* | <5.9 | **1.4** | **520** | **63** | <12 | <18 | <5.6 | **0.1** | <0.02 | <0.056 | 6.56 |
| | | 05/23/05 | 0.22 | 25.9 | **0.59** | <0.3 | **0.037** | **0.02 j** | **163** | <1.4 | <4 | <8 | **1** | **506** | **68.3** | <0.35 | <0.55 | **0.33 j** | **0.07 j** | **0.07** | <1 | 6.93 |
| | | 09/21/06 | 0.48 | -36 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.85 |

TABLE 3-2
Summary of Monitored Natural Attenuation Parameters
*Honeywell International Inc./Former Synertek Building No. 1*
*3050 Coronado Drive, Santa Clara, California*

| | | | | | Electron Acceptors | | | | | | Electron Donors | | | Degradation Products and Indicators | | | | | Nutrients | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Well** | **Aquifer** | **Date** | **DO (mg/L)** | **ORP (mV)** | **Nitrate As N (mg/L)** | **Nitrite As N (mg/L)** | **Manganese (II) (mg/L)** | **Ferrous Iron (mg/L)** | **Sulfate (mg/L)** | **Sulfide (mg/L)** | **BOD (mg/L)** | **COD (mg/L)** | **TOC (mg/L)** | **Alkalinity (mg/L)** | **Chloride (mg/L)** | **Ethane (µg/L)** | **Ethene (µg/L)** | **Methane (µg/L)** | **Ammonia as N (mg/L)** | **Phosphorus (mg/L)** | **Potassium (mg/L)** | **pH** |
| MW-34A | A | 06/04/07 | 1.46 | 28 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.63 |
| | | 06/27/08 | 0.65 | 86 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.67 |
| | | 06/02/09 | 0.62 | 60.30 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.87 |
| | | 06/21/10 | 0.21 | 188 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.93 |
| | | 06/22/11 | 0.07 | 415 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 3.08 |
| | | 05/17/12 | 0.53 | 88 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 8.08 |
| | | 04/29/13 | 0.85 | 118.8 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.74 |
| MW-35A | A | 04/30/13 | 0.21 | -69.9 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.84 |
| | | 10/29/13 | 0.63 | -40.9 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.83 |
| MW-36A | A | 04/30/13 | 0.69 | 12.7 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.83 |
| | | 10/29/13 | 0.65 | -61.2 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.88 |
| MW-37A | A | 03/24/11 | -- | -- | <0.05 | -- | -- | -- | 320 | 0.04 | -- | -- | 1.6 | 550 | -- | <0.005 | <0.005 | 0.002 j | -- | 0.052 | -- | -- |
| | | 06/23/11 | 0.21 | -311 | <0.05 | -- | 3.00 | 1.20 | 1.5 | 8.5 | -- | -- | 260 | 1,200 | -- | 0.0004 j | 0.002 j | 0.03 | -- | 2.7 | -- | 6.74 |
| | | 08/15/11 | -- | -- | <0.05 | -- | -- | -- | 0.82 | 0.27 | -- | -- | 260 | 1,400 | -- | <0.005 | 0.0006 j | 7.3 | -- | 1.1 | -- | -- |
| | | 11/04/11 | 0.00 | -162 | <0.05 | -- | 2.10 | 2.00 | <0.2 | 0.07 | -- | -- | 76 | 1,400 | -- | <0.005 | <0.005 | 9.8 | -- | 0.7 | -- | 6.76 |
| | | 02/23/12 | 8.28 | -141 | -- | -- | 1.00 | 0.20 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.81 |
| | | 05/16/12 | 0.32 | -148 | 0.03 j | -- | 1.20 | 1.20 | 1.1 | 0.12 | -- | -- | 5.1 | 1,400 | -- | 0.0005 j | 0.014 | 13 | -- | 0.055 | -- | 7.84 |
| | | 10/17/12 | 0.48 | -104.1 | <0.05 | -- | 0.80 | 1.00 | 4 | 0.05 | -- | -- | 3.3 | 1,100 | -- | 0.007 | 0.032 | 17 | -- | 0.48 | -- | 6.64 |
| | | 05/01/13 | 0.49 | -126.5 | -- | -- | 0.30 | 1.20 | 12 | 0.09 | -- | -- | 4.5 | 1100 | -- | 0.01 | 0.026 | 15 | -- | <0.03 | -- | 6.49 |
| | | 10/29/13 | 0.46 | -64.7 | -- | -- | 0.20 | 1.00 | 29 | <0.04 | -- | -- | 4.7 | 910 | -- | 0.01 | 0.006 | 13 | -- | <0.03 | -- | 6.66 |
| PW-1 | A | 12/03/09 | 3.74 | 80 | 0.02 j | -- | -- | -- | 220 | <0.04 | -- | -- | 1.5 | -- | -- | <0.005 | <0.005 | <0.005 | -- | -- | -- | 8.60 |
| | | 12/02/10 | 7.38 | -165 | -- | -- | -- | -- | 210 | -- | -- | -- | 1.5 | -- | -- | -- | -- | -- | -- | -- | -- | 7.61 |
| | | 06/24/11 | 15.04 | -251 | -- | -- | -- | -- | <0.5 | -- | -- | -- | 2,100 | -- | -- | -- | -- | -- | -- | -- | -- | 5.89 |
| | | 08/15/11 | -- | -- | -- | -- | -- | -- | 4.4 j | -- | -- | -- | 1,700 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | | 11/04/11 | 0.00 | -184 | <0.05 | -- | -- | -- | <0.4 | -- | -- | -- | 1,100 | -- | -- | -- | -- | -- | -- | 0.11 | -- | 6.71 |
| PW-4 | A | 03/28/01 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | | 06/13/01 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | | 09/27/01 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | | 12/11/01 | -- | -- | <0.1 | -- | 1.3 | <0.05 | 159 | <0.2 | 6.9 | 10 j | 2.8 | 449 | 68 | 2.6 | 0.33 | 11 | <0.2 | 0.29 | 1.3 | -- |
| | | 04/03/02 | 0.00 | 89 | 0.14 | <0.018 | 0.28 | <0.1 | 190 | <0.1 | <1 | <20 | 17 | 490 | 47 | <12 | <18 | <5.6 | <0.05 | 0.13 | 1.2 j | 7.90 |
| | | 07/17/02 | 0.00 | -268 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.55 |
| | | 10/03/02 | 0.00 | -287 | <0.1 | <0.1 | 0.59 | <0.1 | 170 | <0.1 | <1 | 89 | 1.9 | 470 | 47 | <12 | <18 | 13 | 0.1 | 0.059 | <2.5 | 7.79 |
| | | 01/08/03 | 0.26 | -255 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.96 |
| | | 07/08/03 | 0.00 | -294 | <0.04 | <0.01 | 0.16 | <0.028 | 140 | <0.1 | 1.5 j | <20 | 1 | 460 | 45 | <12 | <18 | <5.6 | 0.14 | 0.076 | 1.1 j | 8.13 |
| | | 09/04/03 | 0.00 | -308 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 8.15 |
| | | 03/09/04 | 0.00 | 117 | <0.04 | 0.036 j | 0.051 | <0.028 | 160 | <0.14 | <2* | 77 | 0.7 j | 430 | 48 | <12 | <18 | <5.6 | <0.025 | 0.14 | 0.83 j | 8.01 |
| | | 09/02/04 | 0.00 | -140 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.97 |
| | | 05/23/05 | 0.00 | 72 | 0.06 j | <0.3 | 0.04 | 0.12 | 160 | <1.4 | <4 | <8 | 1.3 | 460 | 47.6 | <0.35 | <0.55 | 0.42 j | <0.05 | 0.12 | <1 | 8.13 |
| | | 09/15/05 | 0.01 | -120 | <0.05 | <0.002 | 0.107 | <0.2 j | 160 | <1.4 | 1.5 j | <7.6 | 1.6 | 440 | 48 | 1.3 | <0.55 | 63 | 0.07 j | 0.17 | <1 | 8.81 |
| | | 09/21/06 | 0.57 | -64 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 8.40 |
| | | 11/01/06 | 0.48 | -7 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 8.45 |
| | | 06/04/07 | 0.74 | -5 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 8.10 |
| | | 11/08/07 | 0.37 | -77.7 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 8.13 |
| | | 06/27/08 | 0.29 | -224.5 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 8.08 |
| | | 11/20/08 | 0.69 | -172.50 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.96 |

TABLE 3-2
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*3050 Coronado Drive, Santa Clara, California*

| | | | | | Electron Acceptors | | | | | | Electron Donors | | | Degradation Products and Indicators | | | | | Nutrients | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Well** | **Aquifer** | **Date** | **DO (mg/L)** | **ORP (mV)** | **Nitrate As N (mg/L)** | **Nitrite As N (mg/L)** | **Manganese (II) (mg/L)** | **Ferrous Iron (mg/L)** | **Sulfate (mg/L)** | **Sulfide (mg/L)** | **BOD (mg/L)** | **COD (mg/L)** | **TOC (mg/L)** | **Alkalinity (mg/L)** | **Chloride (mg/L)** | **Ethane (µg/L)** | **Ethene (µg/L)** | **Methane (µg/L)** | **Ammonia as N (mg/L)** | **Phosphorus (mg/L)** | **Potassium (mg/L)** | **pH** |
| PW-4 | A | 06/02/09 | 0.28 | -81.10 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 8.39 |
| | | 12/02/09 | 3.36 | -186 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 10.02 |
| | | 06/21/10 | 0.08 | -52 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 8.21 |
| | | 12/01/10 | 1.57 | -257 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.57 |
| | | 06/22/11 | 0.58 | 15 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 8.25 |
| | | 11/03/11 | 0.00 | -239 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 8.19 |
| | | 05/17/12 | 0.42 | -30 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 9.76 |
| | | 10/17/12 | 0.14 | -221.4 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.97 |
| | | 04/30/13 | 0.50 | -97.7 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 8.01 |
| | | 10/29/13 | 0.34 | -81.3 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.76 |
| PW-5 | A | 04/30/13 | 0.80 | -17.1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 8.00 |
| | | 10/29/13 | 0.48 | -48.2 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 8.20 |
| MW-03B1 | B | 03/29/01 | 1.00 | -245 | <0.1 | -- | **0.03** | **11** | **17** | <0.1 | **5.7** | **31** | **2** | **135** | **29** | <3 | <3 | **4** | **0.1 j** | **0.2** | **1.3** | 8.39 |
| | | 06/14/01 | 1.55 | -239 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.98 |
| | | 09/27/01 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.75 |
| | | 12/11/01 | 0.00 | -130 | <0.1 | -- | **0.06** | <0.05 | **57** | <0.2 | **2.9** | <20 | **1.3** | **179** | **35** | **0.61** | **0.12** | **0.63** | <0.2 | <0.1 | **1.2** | 8.10 |
| | | 04/03/02 | 3.34 | -87 | **0.17** | <0.018 | **0.04** | <0.1 | **43** | **0.1** | <1 | <20 | **19** | **140** | **32** | <12 | <18 | <5.6 | <0.05 | <0.02 | **1.6 j** | 7.63 |
| | | 07/16/02 | -- | 148 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.26 |
| | | 10/03/02 | 2.30 | -166 | <0.1 | <0.1 | **0.039** | <0.1 | **75** | <0.1 | <1 | **50** | **0.89** | **220** | **30** | <12 | <18 | <5.6 | <0.05 | **0.069** | <2.5 | 7.68 |
| | | 01/09/03 | 2.45 | -200 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.98 |
| | | 07/10/03 | 4.03 | -197 | **0.046 j** | <0.01 | **0.038** | <0.028 | **67** | **1.9** | **2.3** | <20 | <0.19 | **230** | **33** | <12 | <18 | <5.6 | <0.025 | **0.053** | **1.3 j** | 7.78 |
| | | 03/10/04 | 6.91 | -14 | **0.062 j** | <0.01 | **0.0099 j** | <0.028 | **1.4** | <0.14 | <2* | **17 j** | **14** | **110** | **35** | <12 | <18 | <5.6 | **0.54** | **0.28** | **1.6 j** | 7.47 |
| | | 05/23/05 | 0.04 | -142 | <0.03 | <0.3 | **0.0068** | **0.83** | **0.57** | <1.4 | <4 | **11 j** | **3.1 j** | **119** | **34.4** | <0.35 | <0.55 | **52** | **0.35** | **0.05** | **1.31 j** | 8.42 |
| | | 09/21/06 | 0.63 | -109 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 8.17 |
| | | 06/05/07 | 1.14 | -64 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 8.57 |
| | | 06/27/08 | 2.73 | -20.7 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 8.21 |
| | | 06/03/09 | 0.74 | -154.70 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.93 |
| | | 06/22/10 | 2.91 | -90 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.78 |
| | | 05/16/12 | 0.50 | -235 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 9.38 |
| | | 05/01/13 | 0.26 | -195.8 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.43 |
| MW-04B | B | 03/29/01 | 1.85 | -98 | <0.1 | -- | **0.25** | **0.46** | **14** | <0.1 | **20** | **52** | **9.7** | **135** | **9** | <3 | <3 | <3 | **0.3** | **0.08** | **3.5** | 7.36 |
| | | 06/14/01 | 0.95 | -85 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.35 |
| | | 09/27/01 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.08 |
| | | 12/11/01 | 0.00 | 30 | **0.13** | -- | **0.25** | **0.09** | **49.4** | <0.2 | **12** | **40** | **10** | **141** | **29** | **0.03** | **0.1** | **1.3** | **0.31** | **0.25** | **2.9** | 6.63 |
| | | 04/03/02 | 0.00 | -230 | **0.16** | <0.018 | **0.52** | <0.1 | **4.2** | **20** | **3.5** | <20 | **32** | **190** | **14** | <12 | <18 | **36** | <0.05 | **0.11** | **1.5 j** | 6.70 |
| | | 07/16/02 | 0.00 | -220 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.20 |
| | | 10/03/02 | 0.00 | -197 | **0.1** | <0.1 | **0.5** | <0.1 | **220** | <0.1 | <1 | **52** | **1.5** | **340** | **56** | <12 | <18 | <5.6 | **0.058** | **0.13** | <2.5 | 7.02 |
| | | 01/09/03 | 0.00 | -98 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.89 |
| | | 07/10/03 | 0.00 | -185 | <0.04 | <0.01 | **0.55** | **0.068 j** | **2** | <0.1 | **2.1** | <20 | **2.4** | **84** | **5.4** | <12 | <18 | <5.6 | **0.084** | **0.15** | **1.1 j** | 6.91 |
| | | 03/10/04 | 0.00 | 4 | **0.14** | **0.068 j** | **0.52** | **0.035 j** | **19** | **0.23 j** | <2* | **50** | **0.98** | **90** | **6.2** | <12 | <18 | <5.6 | **0.13** | **0.18** | **1.5 j** | 6.08 |
| | | 05/23/05 | 0.00 | -195 | <0.03 | <0.03 | **0.162** | **1.3** | **3.2** | <1.4 | <4 | **62** | **19.7** | **130** | **4.2** | <0.35 | <0.55 | **1.5** | **0.53** | **0.14** | **3.21** | 7.11 |
| | | 09/21/06 | 0.12 | -221 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.14 |
| | | 06/05/07 | 1.22 | 37 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.20 |
| | | 06/25/08 | 0.07 | -11.3 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.80 |
| | | 06/03/09 | 0.50 | 175.30 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.27 |

TABLE 3-2
Summary of Monitored Natural Attenuation Parameters
*Honeywell International Inc./Former Synertek Building No. 1*
*3050 Coronado Drive, Santa Clara, California*

| | | | | | Electron Acceptors | | | | | | Electron Donors | | | Degradation Products and Indicators | | | | | Nutrients | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Well** | **Aquifer** | **Date** | **DO (mg/L)** | **ORP (mV)** | **Nitrate As N (mg/L)** | **Nitrite As N (mg/L)** | **Manganese (II) (mg/L)** | **Ferrous Iron (mg/L)** | **Sulfate (mg/L)** | **Sulfide (mg/L)** | **BOD (mg/L)** | **COD (mg/L)** | **TOC (mg/L)** | **Alkalinity (mg/L)** | **Chloride (mg/L)** | **Ethane (µg/L)** | **Ethene (µg/L)** | **Methane (µg/L)** | **Ammonia as N (mg/L)** | **Phosphorus (mg/L)** | **Potassium (mg/L)** | **pH** |
| MW-04B | B | 06/22/10 | 0.05 | 1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.17 |
| | | 12/02/10 | 1.29 | 50 | -- | -- | 0.80 | 0.16 | 180 | <0.04 | -- | -- | 1.1 | 310 | -- | <1 | <1 | <1 | -- | 0.1 | -- | 6.68 |
| | | 06/23/11 | 0.02 | -285 | <0.05 | -- | -- | -- | 160 | 0.97 | -- | -- | 3.6 | 320 | -- | <0.005 | <0.005 | 0.008 | -- | 1.6 | -- | 7.00 |
| | | 08/15/11 | -- | -- | 0.008 j | -- | -- | -- | 160 | 0.12 | -- | -- | 1.5 | 260 | -- | <0.005 | <0.005 | 1.9 | -- | 0.57 | -- | -- |
| | | 11/04/11 | 0.00 | -191 | <0.05 | -- | n/a | 2.00 | 170 | 0.09 | -- | -- | 1.7 | 280 | -- | <0.005 | <0.005 | 4.8 | -- | 0.38 | -- | 7.24 |
| | | 02/23/12 | 4.12 | -87 | 0.01 j | -- | -- | 0.01 | 170 | <0.04 | -- | -- | 0.74 | 280 | -- | <0.005 | <0.005 | 9.7 | -- | 0.15 | -- | 7.42 |
| | | 05/16/12 | 0.34 | -99 | 0.01 j | -- | 0.10 | 0.11 | 180 | <0.04 | -- | -- | 0.78 | 300 | -- | <0.005 | <0.005 | 13 | -- | 0.14 | -- | 8.54 |
| | | 10/17/12 | 0.17 | -104.1 | <0.05 | -- | -- | 0.11 | 190 | 0.1 | -- | -- | 0.72 | 340 | -- | <0.005 | <0.005 | 19 | -- | 0.23 | -- | 7.23 |
| | | 04/29/13 | 0.29 | -51.8 | -- | -- | 0.30 | 0.95 | 180 | <0.04 | -- | -- | 0.9 | 310 | -- | <0.005 | <0.005 | 14 | -- | 0.18 | -- | 7.04 |
| | | 10/30/13 | 0.72 | -64.3 | -- | -- | 0.20 | 1.00 | 170 | <0.04 | -- | -- | 1.3 | 290 | -- | <0.005 | <0.005 | 12 | -- | 0.068 | -- | 7.02 |
| MW-10B | B | 03/29/01 | 0.90 | -140 | 0.24 | -- | 0.36 | 19 | 162 | <0.1 | 37 | 46 | 1 | 343 | 67 | <3 | <3 | <3 | 0.1 j | 0.1 | 2.1 | 7.56 |
| | | 06/13/01 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | | 09/27/01 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.16 |
| | | 12/11/01 | 1.40 | -16 | 0.039 j | -- | 0.47 | <0.05 | 207 | <0.2 | 5.7 | 10 j | 0.79 j | 328 | 59 | 0.076 | <0.005 | 4.3 | 0.13 j | 0.02 | 1.8 | 6.70 |
| | | 04/03/02 | 0.00 | -170 | 0.16 | <0.018 | 0.44 | <0.1 | 44 | 0.4 | <1 | 42 | 7.4 | 200 | 45 | <12 | <18 | <5.6 | <0.05 | <0.02 | 1.3 j | 7.97 |
| | | 07/17/02 | 0.00 | -170 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 8.03 |
| | | 10/03/02 | 0.00 | -91 | <0.1 | <0.1 | 0.4 | <0.1 | 2.6 | <0.1 | <1 | 150 | 1.2 | 210 | 42 | <12 | <18 | <5.6 | <0.05 | <0.05 | <2.5 | 6.56 |
| | | 01/08/03 | 0.00 | -229 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.56 |
| | | 07/10/03 | 0.00 | -317 | <0.04 | <0.01 | 0.38 | <0.7 | 2.7 | 0.5 | 1.9 | <20 | <0.19 | 250 | 40 | <12 | <18 | 29 | <0.025 | <0.02 | 1.3 j | 7.50 |
| | | 03/09/04 | 0.00 | -271 | <0.04 | <0.01 | 0.35 | <0.056 | 2.4 | <0.14 | <2* | 6.5 j | 1 | 240 | 45 | <12 | <18 | 8.2 j | <0.025 | <0.02 | 1.2 j | 7.16 |
| | | 05/23/05 | 0.00 | -125 | <0.03 | <0.3 | 0.308 | 2.22 | 11.1 | <1.4 | <4 | 8 j | 1.7 j | 279 | 41.2 | 3.5 | <0.55 | 56 | 0.13 j | 0.02 j | 1.29 j | 7.56 |
| | | 09/21/06 | 0.08 | -224 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.47 |
| | | 06/04/07 | 0.56 | -210 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.40 |
| | | 06/25/08 | 0.10 | -253 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.54 |
| | | 06/02/09 | 0.17 | -191.10 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.95 |
| | | 06/22/10 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | | 06/24/11 | 0.62 | -261 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.85 |
| | | 05/14/12 | 0.18 | -262 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 9.27 |
| | | 05/01/13 | 0.13 | -198 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.83 |
| MW-12B | B | 03/29/01 | 1.29 | -61 | 3 | -- | 0.61 | 0.14 | 181 | <0.1 | 4 | 22 | 0.9 | 406 | 57 | <3 | <3 | <3 | 0.1 j | 0.1 | 2.1 | 7.29 |
| | | 06/14/01 | 0.85 | -50 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.20 |
| | | 09/27/01 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.02 |
| | | 12/11/01 | 0.00 | 42 | 1.1 | -- | 3.7 | <0.05 | 212 | <0.2 | 7.8 | 7.2 j | 1.1 | 303 | 64 | <0.005 | <0.005 | 0.038 | 0.17 j | 0.1 | 1.9 | 6.61 |
| | | 04/03/02 | 0.00 | 22 | 0.75 | <0.018 | 0.12 | <0.1 | 250 | <0.1 | <1 | 46 | 19 | 310 | 56 | <12 | <18 | <5.6 | <0.05 | 0.1 | 1.6 j | 7.54 |
| | | 07/17/02 | 0.00 | -49 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.00 |
| | | 10/03/02 | 2.33 | 65 | 0.58 | <0.1 | 0.51 | <0.028 | 250 | <0.1 | 22 | 42 | 1.2 | 310 | 55 | <12 | <18 | <5.6 | <0.05 | 0.12 | <2.5 | 7.21 |
| | | 01/09/03 | 0.05 | 10 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.05 |
| | | 07/09/03 | 0.00 | 168 | 0.46 ht | <0.01 ht | 0.38 | <0.028 | 220 | <0.1 | 1.1 j | <20 | 0.23 j | 290 | 56 | <12 | <18 | <5.6 | <0.025 | 0.098 | 1.4 j | 7.04 |
| | | 09/04/03 | 0.00 | -36 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.06 |
| | | 03/10/04 | 0.00 | 155 | 0.4 | 0.027 j | 0.32 | <0.028 | 230 | <0.14 | <2* | 8.6 j | 0.92 | 290 | 58 | <12 | <18 | <5.6 | 0.065 | 0.097 | 1.8 j | 6.21 |
| | | 09/02/04 | 0.00 | 39 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.75 |
| | | 05/23/05 | 0.00 | -70 | 0.35 | <0.3 | 0.169 | 0.07 j | 233 | <1.4 | <4 | <8 | 0.7 j | 285 | 55.6 | <0.35 | <0.55 | <0.3 | 0.06 j | 0.09 | 1.67 j | 7.21 |
| | | 09/15/05 | 0.01 | 243 | 0.3 | <0.002 | 0.308 | <0.2 | 230 | <1.4 | 1 j | <7.6 | <0.1 | 300 | 57 | <0.35 | <0.55 | <0.3 | <0.02 | 0.08 | <1 | 7.38 |
| | | 09/21/06 | 0.25 | -71 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.14 |
| | | 11/01/06 | 0.51 | 41 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.14 |

TABLE 3-2
Summary of Monitored Natural Attenuation Parameters
*Honeywell International Inc./Former Synertek Building No. 1*
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| | | | | | Electron Acceptors | | | | | | Electron Donors | | | Degradation Products and Indicators | | | | | Nutrients | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Well** | **Aquifer** | **Date** | **DO (mg/L)** | **ORP (mV)** | **Nitrate As N (mg/L)** | **Nitrite As N (mg/L)** | **Manganese (II) (mg/L)** | **Ferrous Iron (mg/L)** | **Sulfate (mg/L)** | **Sulfide (mg/L)** | **BOD (mg/L)** | **COD (mg/L)** | **TOC (mg/L)** | **Alkalinity (mg/L)** | **Chloride (mg/L)** | **Ethane (µg/L)** | **Ethene (µg/L)** | **Methane (µg/L)** | **Ammonia as N (mg/L)** | **Phosphorus (mg/L)** | **Potassium (mg/L)** | **pH** |
| MW-12B | B | 06/05/07 | 0.55 | 27 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.08 |
| | | 11/08/07 | 0.31 | 23.6 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.08 |
| | | 06/25/08 | 0.14 | -96 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.18 |
| | | 11/20/08 | 0.15 | 50.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.16 |
| | | 06/03/09 | 0.30 | 11.50 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.21 |
| | | 12/03/09 | 2.83 | 28 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.86 |
| | | 06/22/10 | 0.01 | 62 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.15 |
| | | 12/01/10 | 1.57 | 16 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.81 |
| | | 06/23/11 | 0.06 | 21 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.16 |
| | | 11/03/11 | 0.00 | -9 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.34 |
| | | 05/15/12 | 0.28 | 136 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 8.47 |
| | | 10/17/12 | 0.22 | -33.9 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.20 |
| | | 04/29/13 | 0.38 | 11.9 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.05 |
| | | 10/30/13 | 0.28 | -57.4 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.03 |
| MW-20B | B | 03/29/01 | 1.53 | -11 | **0.33** | -- | **0.32** | **13** | **144** | <0.1 | **29** | **52** | **2** | **263** | **59** | <3 | <3 | **4** | **0.3** | **0.1** | **3.5** | 8.81 |
| | | 06/14/01 | 0.93 | -245 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 8.20 |
| | | 09/27/01 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 8.06 |
| | | 12/11/01 | 0.00 | 74 | <0.1 | -- | **0.25** | <0.05 | **144** | **0.18** | **5.7** | <20 | **1.1** | **181** | **50** | <0.003 | <0.003 | **4** | **0.23** | <0.1 | **3.4** | 7.05 |
| | | 04/03/02 | 0.00 | -114 | **0.16** | <0.018 | **0.06** | <0.1 | **150** | **1.3** | <1 | <20 | **3.4** | **150** | **52** | <12 | <18 | <5.6 | <0.05 | <0.02 | **3.1** | 9.01 |
| | | 07/17/02 | 0.55 | -194 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 8.82 |
| | | 10/03/02 | 3.34 | -200 | <0.1 | <0.1 | **0.061** | <0.1 | **140** | <0.1 | <1 | <20 | **1.3** | **120** | **50** | <12 | <18 | <5.6 | **0.19** | <0.05 | **3.7** | 8.67 |
| | | 01/09/03 | 1.62 | -185 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 8.83 |
| | | 07/09/03 | 0.00 | -312 | <0.04 | <0.01 | **0.068** | <0.028 | **88** | **0.4** | **1 j** | <20 | **1** | **110** | **41** | <12 | <18 | <5.6 | **0.073** | <0.02 | **6.6** | 8.89 |
| | | 03/10/04 | 0.00 | -233 | <0.04 | **0.011 j** | **0.021** | <0.028 | **74** | <0.14 | <2* | <5.9 | <0.23 | **84** | **39** | <12 | <18 | <5.6 | **0.041 j** | <0.02 | **6** | 8.43 |
| | | 05/23/05 | 0.00 | -178 | **0.06 j** | <0.3 | **0.036** | **0.08 j** | **58.9** | <1.4 | <4 | <8 | **2.5 j** | **80** | **32.6** | <0.35 | <0.55 | **0.86** | **0.05 j** | **0.02 j** | **5.35** | 8.90 |
| | | 09/21/06 | 0.21 | -159 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 9.02 |
| | | 06/05/07 | 0.60 | -30 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 9.10 |
| | | 06/27/08 | 0.18 | -182 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 9.02 |
| | | 06/03/09 | 0.02 | -231.30 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 9.29 |
| | | 06/22/10 | 3.71 | -268 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 9.23 |
| | | 06/23/11 | 0.00 | -258 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 9.16 |
| | | 05/15/12 | 0.30 | -138 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 11.18 |
| | | 05/01/13 | 0.26 | -135.8 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 8.89 |
| MW-25B | B | 03/27/01 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.41 |
| | | 06/13/01 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | | 09/27/01 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.20 |
| | | 12/10/01 | 6.00 | 25 | **0.25** | -- | **0.10** | <0.05 | **159** | <0.2 | **3.3** | <20 | **1.5** | **271** | **58** | <0.005 | <0.005 | **0.26** | <0.2 | **0.37** | **7.9** | 7.35 |
| | | 04/03/02 | 0.33 | 56 | <0.1 | <0.018 | **0.6** | <0.1 | **160** | <0.1 | <1 | <20 | **29** | **290** | **48** | <12 | <18 | <5.6 | <0.05 | **0.08** | <0.48 | 7.53 |
| | | 07/16/02 | 0.00 | 220 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.38 |
| | | 10/02/02 | 0.00 | 217 | <0.04 | <0.01 | **0.54** | <0.1 | **160** | <0.1 | <1 | **44** | <0.8 | **280** | **51** | <12 | <18 | <5.6 | <0.05 | **0.094** | <2.5 | 7.24 |
| | | 01/08/03 | 0.42 | 38 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.58 |
| | | 07/09/03 | 0.00 | 153 | <0.04 | <0.01 | **0.58** | <0.028 | **150** | <0.1 | **1.6 j** | <20 | <0.19 | **270** | **48** | <12 | <18 | <5.6 | **0.052** | **0.11** | **0.77 j** | 7.24 |
| | | 03/09/04 | 0.00 | 77 | <0.04 | <0.01 | **0.56** | <0.028 | **180** | <0.14 | <2* | <5.9 | **0.84** | **270** | **53** | <12 | <18 | <5.6 | <0.025 | **0.091** | **1.3 j** | 7.05 |
| | | 05/23/05 | 0.00 | 46 | <0.03 | <0.3 | **0.558** | **0.02 j** | **171** | <1.4 | <4 | <8 | **0.5 j** | **283** | **49.1** | <0.35 | <0.55 | <0.3 | <0.05 | **0.09** | **1.19 j** | 7.22 |
| | | 09/21/06 | 0.40 | -48 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.36 |

TABLE 3-2
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| | | | | | Electron Acceptors | | | | | | Electron Donors | | | Degradation Products and Indicators | | | | | Nutrients | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Well** | **Aquifer** | **Date** | **DO (mg/L)** | **ORP (mV)** | **Nitrate As N (mg/L)** | **Nitrite As N (mg/L)** | **Manganese (II) (mg/L)** | **Ferrous Iron (mg/L)** | **Sulfate (mg/L)** | **Sulfide (mg/L)** | **BOD (mg/L)** | **COD (mg/L)** | **TOC (mg/L)** | **Alkalinity (mg/L)** | **Chloride (mg/L)** | **Ethane (µg/L)** | **Ethene (µg/L)** | **Methane (µg/L)** | **Ammonia as N (mg/L)** | **Phosphorus (mg/L)** | **Potassium (mg/L)** | **pH** |
| MW-25B | B | 06/04/07 | 0.93 | -12 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.21 |
| | | 06/27/08 | 0.55 | -64.3 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.19 |
| | | 06/03/09 | 1.09 | 46.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.50 |
| | | 06/21/10 | 0.38 | -104 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.41 |
| | | 06/22/11 | 0.09 | -96 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.42 |
| | | 05/16/12 | 0.54 | -54 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 8.74 |
| | | 04/29/13 | 0.44 | -2.9 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.19 |
| PW-3 | B | 03/28/01 | -- | -- | **0.61** | -- | **0.62** | **16** | **223** | <0.1 | **22** | **25** | **9.1** | **404** | **58** | <3 | <3 | <3 | **0.2** | **0.43** | **2.1** | -- |
| | | 06/13/01 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | | 09/27/01 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.13 |
| | | 12/11/01 | 1.00 | 18 | <0.1 | -- | **0.10** | <0.05 | **108** | <0.2 | **6.9** | <20 | **2.2** | **145** | **58** | **0.02** | **0.05** | **1.7** | <0.2 | <0.1 | **2.0** | 7.39 |
| | | 04/03/02 | 0.46 | -30 | <0.1 | **0.7** | **0.35** | <0.1 | **260** | <0.1 | <1 | <20 | **5.7** | **410** | **54** | <12 | <18 | <5.6 | <0.05 | **0.05** | **2.2 j** | 7.09 |
| | | 07/16/02 | 0.11 | -28 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.37 |
| | | 10/03/02 | 0.00 | 38 | **0.85** | **0.96** | **0.27** | <0.1 | **240** | <0.1 | <1 | **52** | **1.4** | **430** | **54** | <12 | <18 | <5.6 | <0.05 | **0.1** | <2.5 | 7.19 |
| | | 01/09/03 | 0.06 | 30 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.11 |
| | | 07/10/03 | 0.00 | -42 | **0.36** | **1** | **0.23** | <0.028 | **190** | <0.1 | <1 | <20 | **0.24 j** | **410** | **49** | <12 | <18 | <5.6 | <0.025 | **0.19** | **1.9 j** | 7.25 |
| | | 03/10/04 | 0.00 | 4 | <0.04 | **0.29** | **0.17** | <0.028 | **230** | <0.14 | <2* | **6.5 j** | **0.85** | **390** | **55** | <12 | <18 | <5.6 | **0.039 j** | **0.041 j** | **1.5 j** | 6.77 |
| | | 05/23/05 | 0.00 | -200 | <0.03 | <0.3 | **0.126** | **1.6** | **201** | <1.4 | <4 | <8 | **4.1 j** | **334** | **53** | <0.35 | <0.55 | **0.3 j** | **0.1 j** | **0.21** | **1.49 j** | 7.46 |
| | | 09/21/06 | 0.32 | -49 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.46 |
| | | 06/05/07 | 0.55 | 39 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.37 |
| | | 06/25/08 | 0.17 | 39.4 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.02 |
| | | 06/02/09 | 0.17 | 156.50 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.65 |
| | | 06/22/10 | 0.00 | -17 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.34 |
| | | 12/02/10 | 1.34 | -34 | -- | -- | -- | -- | **200** | -- | -- | -- | **0.81** | -- | -- | -- | -- | -- | -- | -- | -- | 7.02 |
| | | 06/24/11 | 0.30 | -173 | -- | -- | -- | -- | **110** | -- | -- | -- | **4,400** | -- | -- | -- | -- | -- | -- | -- | -- | 5.84 |
| | | 08/15/11 | -- | -- | -- | -- | -- | -- | **19** | -- | -- | -- | **3,600** | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | | 11/04/11 | 0.00 | -192 | <0.05 | -- | -- | -- | <0.066 | -- | -- | -- | **310** | -- | -- | -- | -- | -- | -- | **0.29** | -- | 6.72 |
| | | 05/15/12 | 0.21 | -190 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 8.11 |
| | | 04/30/13 | 0.44 | -149.1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.61 |

Notes:

mg/L = milligrams per liter
µg/L = micrograms per liter
mV = millivolts
DO = dissolved oxygen (field)
ORP = oxidation-reduction potential (field)
N = nitrogen
BOD = 5-day biochemical oxygen demand
Detected Laboratory Results are bolded

COD = chemical oxygen demand
TOC = total organic carbon
<0.1 = not detected above listed reporting limit, or method detection limit if provided by laboratory
-- = not analyzed
j = estimated value below reporting limit
ht = sample exceeded hold time criteria, and data will be rejected for project decision-making
* = sample collected on 3/29/04
Only analytical results from primary samples are shown

TABLE 3-3
Nonparametric Trend Analysis for TCE
*Honeywell International Inc./Former Synertek Building No. 1*
*3050 Coronado Drive, Santa Clara, California*

| Well | Detect | Non-Detect | Total Samples | Detect Freq. | Min (µg/L) | Max (µg/L) | Mean (µg/L) | Median (µg/L) | MK Result | Trend | Stability | Most Recent Result | Date of Most Recent Result |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **A-aquifer** | | | | | | | | | | | | | |
| MW-01A | 0 | 18 | 18 | 0 | 0.050 | 0.050 | 0.050 | 0.050 | NA | >50% ND | NA | 0.050 | Apr-13 |
| MW-02A | 1 | 0 | 1 | 100 | 8.60 | 8.60 | NA | NA | NA | IS | NA | 8.60 | Dec-09 |
| MW-07A | 26 | 0 | 26 | 100 | 0.500 | 99.0 | 39.7 | 34.0 | 63.8% (-) | **No Trend** | **Stable** | 1.50 | Oct-13 |
| MW-08A | 1 | 0 | 1 | 100 | 2.20 | 2.20 | NA | NA | NA | IS | NA | 2.20 | Dec-09 |
| MW-11A | 1 | 0 | 1 | 100 | 4.10 | 4.10 | NA | NA | NA | IS | NA | 4.10 | May-12 |
| MW-12A | 20 | 0 | 20 | 100 | 1.00 | 187 | 123 | 120 | 94.0% (-) | **No Trend** | **Stable** | 110 | Apr-13 |
| MW-15A | 0 | 1 | 1 | 0 | 0.050 | 0.050 | NA | NA | NA | IS | NA | 0.050 | May-12 |
| MW-17A | 2 | 0 | 2 | 100 | 7.00 | 11.0 | 9.00 | 9.00 | NA | IS | NA | 11.0 | May-12 |
| MW-18A | 1 | 0 | 1 | 100 | 0.900 | 0.900 | NA | NA | NA | IS | NA | 0.900 | May-12 |
| MW-19A | 2 | 0 | 2 | 100 | 10.0 | 16.0 | 13.0 | 13.0 | NA | IS | NA | 16.0 | May-12 |
| MW-21A | 0 | 1 | 1 | 0 | 0.050 | 0.050 | NA | NA | NA | IS | NA | 0.050 | Dec-09 |
| MW-25A | 0 | 17 | 17 | 0 | 0.050 | 0.050 | 0.050 | 0.050 | NA | >50% ND | NA | 0.050 | Apr-13 |
| MW-29A | 12 | 17 | 29 | 41 | 0.050 | 4.00 | 0.490 | 0.050 | NA | >50% ND | NA | 1.60 | Apr-13 |
| MW-30A | 10 | 7 | 17 | 59 | 0.050 | 1.00 | 0.255 | 0.220 | 87.6% (-) | **No Trend** | **Stable** | 0.050 | Apr-13 |
| MW-33A | 21 | 8 | 29 | 72 | 0.050 | 0.850 | 0.329 | 0.320 | 98.2% (sig +) | **Increasing** | NA | 0.050 | Oct-13 |
| MW-34A | 0 | 19 | 19 | 0 | 0.050 | 0.050 | 0.050 | 0.050 | NA | >50% ND | NA | 0.050 | Apr-13 |
| MW-35A | 0 | 2 | 2 | 0 | 0.050 | 0.050 | 0.050 | 0.050 | NA | IS | NA | 0.050 | Oct-13 |
| MW-36A | 2 | 0 | 2 | 100 | 2.40 | 2.90 | 2.65 | 2.65 | NA | IS | NA | 2.40 | Oct-13 |
| MW-37A | 6 | 3 | 9 | 67 | 0.050 | 98.0 | 11.3 | 0.300 | 99.8% (sig -) | **Decreasing** | NA | 0.050 | Oct-13 |
| PW-1 | 4 | 1 | 5 | 80 | 0.050 | 2.20 | 0.910 | 0.500 | NA | IS | NA | 0.050 | Nov-11 |
| PW-4 | 28 | 0 | 28 | 100 | 16.0 | 62.0 | 32.8 | 28.0 | 84.3% (-) | **No Trend** | **Stable** | 49.0 | Oct-13 |
| PW-5 | 0 | 2 | 2 | 0 | 0.050 | 0.050 | 0.050 | 0.050 | NA | IS | NA | 0.050 | Oct-13 |
| **B-aquifer** | | | | | | | | | | | | | |
| MW-03B1 | 0 | 19 | 19 | 0 | 0.050 | 0.050 | 0.050 | 0.050 | NA | >50% ND | NA | 0.050 | May-13 |
| MW-04B | 25 | 0 | 25 | 100 | 3.10 | 700 | 123 | 36.0 | 51.9% (+) | **No Trend** | **Not Stable** | 52.0 | Oct-13 |
| MW-10B | 2 | 17 | 19 | 11 | 0.050 | 0.110 | 0.056 | 0.050 | NA | >50% ND | NA | 0.050 | May-13 |
| MW-12B | 2 | 28 | 30 | 7 | 0.050 | 0.700 | 0.075 | 0.050 | NA | >50% ND | NA | 0.050 | Oct-13 |
| MW-20B | 0 | 19 | 19 | 0 | 0.050 | 0.050 | 0.050 | 0.050 | NA | >50% ND | NA | 0.050 | May-13 |
| MW-25B | 0 | 17 | 17 | 0 | 0.050 | 0.050 | 0.050 | 0.050 | NA | >50% ND | NA | 0.050 | Apr-13 |
| PW-3 | 18 | 4 | 22 | 82 | 0.050 | 57.0 | 10.1 | 1.25 | 99.0% (sig -) | **Decreasing** | NA | 0.050 | Apr-13 |

**Notes:**
IS = insufficient data (less than 6 sample results).
µg/L = micrograms per liter
>50% ND = greater than 50 percent nondetects.
Trend analysis performed using Mann Kendall single-tailed test at 0.05 significance level.
For monitoring points exhibiting no trend at the 95% confidence level, concentrations are deemed stable if the coefficient of variation (COV) is equal to or less than one.

TABLE 5-1
2014 Groundwater Sampling Schedule
*Honeywell International Inc./Synertek Building #1*
*3050 Coronado Drive, Santa Clara, California*

| Well | Aquifer | Well Type | Sampling Schedule | Sampling Frequency | |
|---|---|---|---|---|---|
| | | | | VOCs and Field Parameters[a] | EISB[b] |
| **Based on 2004 Modification to Self-monitoring Program** | | | | | |
| MW-01A | A | U | April<br>October | X | |
| MW-07A | A | S | April<br>October | X<br>X | X<br>X |
| MW-12A | A | S | April<br>October | X | X<br>X |
| MW-17A | A | C | April<br>October | | X<br>X |
| MW-19A | A | C | April<br>October | X | X<br>X |
| MW-25A | A | C | April<br>October | X | |
| MW-29A | A | D | April<br>October | X<br>X | |
| MW-30A | A | C | April<br>October | X | |
| MW-33A | A | D | April<br>October | X<br>X | |
| MW-34A | A | D | April<br>October | X | |
| PW-1 | A | D | April<br>October | | X |
| PW-4 | A | D | April<br>October | X<br>X | |
| MW-03B1 | B | D | April<br>October | X | |
| MW-04B | B | S | April<br>October | X<br>X | X<br>X |
| MW-10B | B | U | April<br>October | X | |
| MW-12B | B | D | April<br>October | X<br>X | |
| MW-20B | B | C | April<br>October | X | |
| MW-25B | B | D | April<br>October | X | |
| PW-3 | B | S | April<br>October | X | X<br>X |
| **Addition to the 2004 Modification to Self-monitoring Program (New Monitoring Well)** | | | | | |
| MW-37A | A | S | April<br>October | X<br>X | X<br>X |

**Notes:**

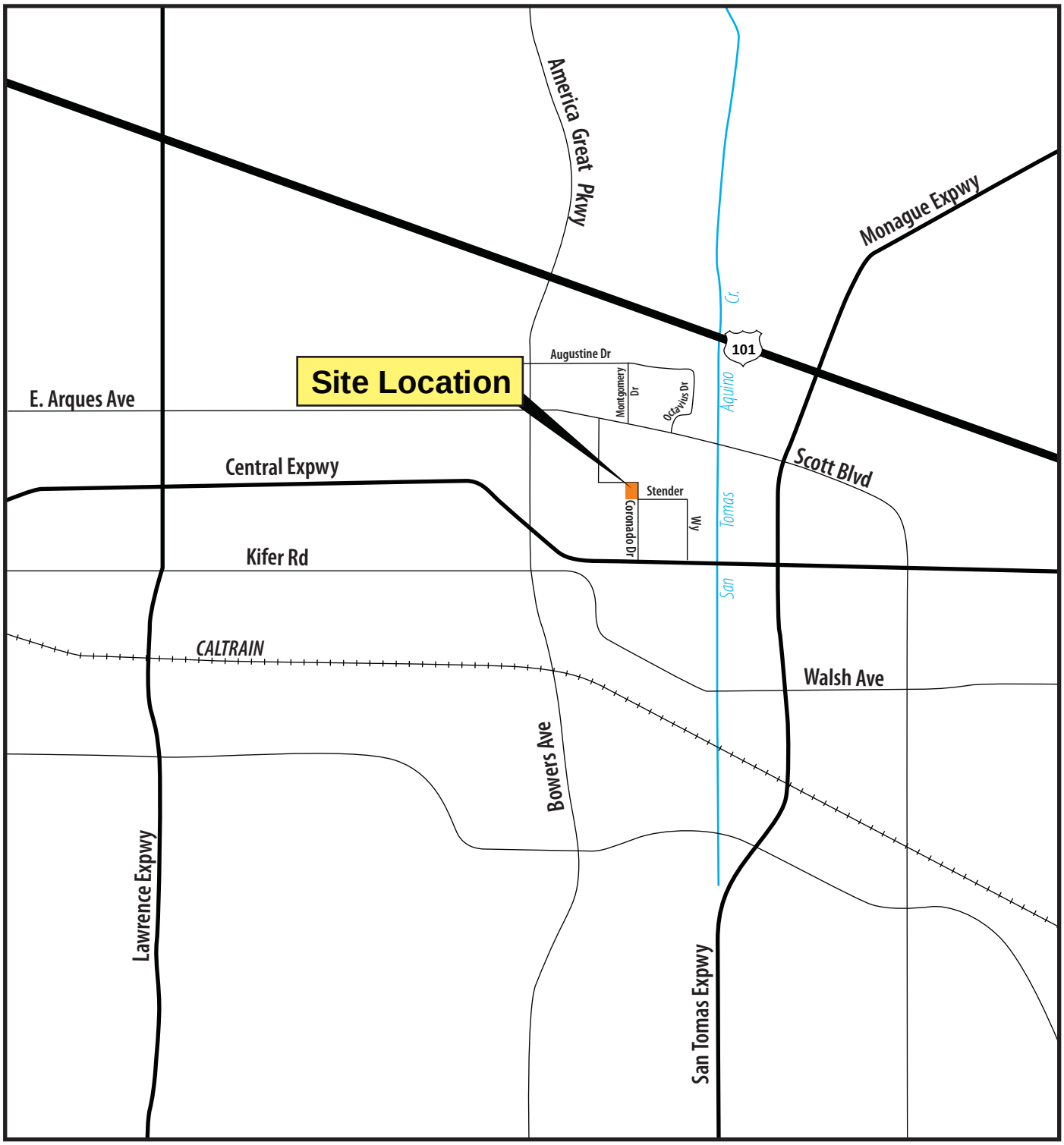
[a] Field Parameters: DO, ORP, pH, Temperature, Electrical Conductivity

[b] Monitoring to evaluate EISB performance

C = cross-gradient
D = downgradient
S = site
U = upgradient

EISB = Enhanced In-Situ Bioremediation
MNA = Monitored Natural Attenuation
VOCs = volatile organic compounds

# Figures



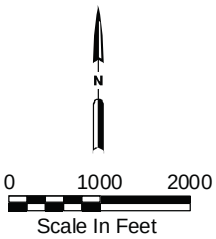




FIGURE 1-1
**Site Location Map**
*Former Synertek Building No. 1*
*3050 Coronado Drive*
*Santa Clara, California*

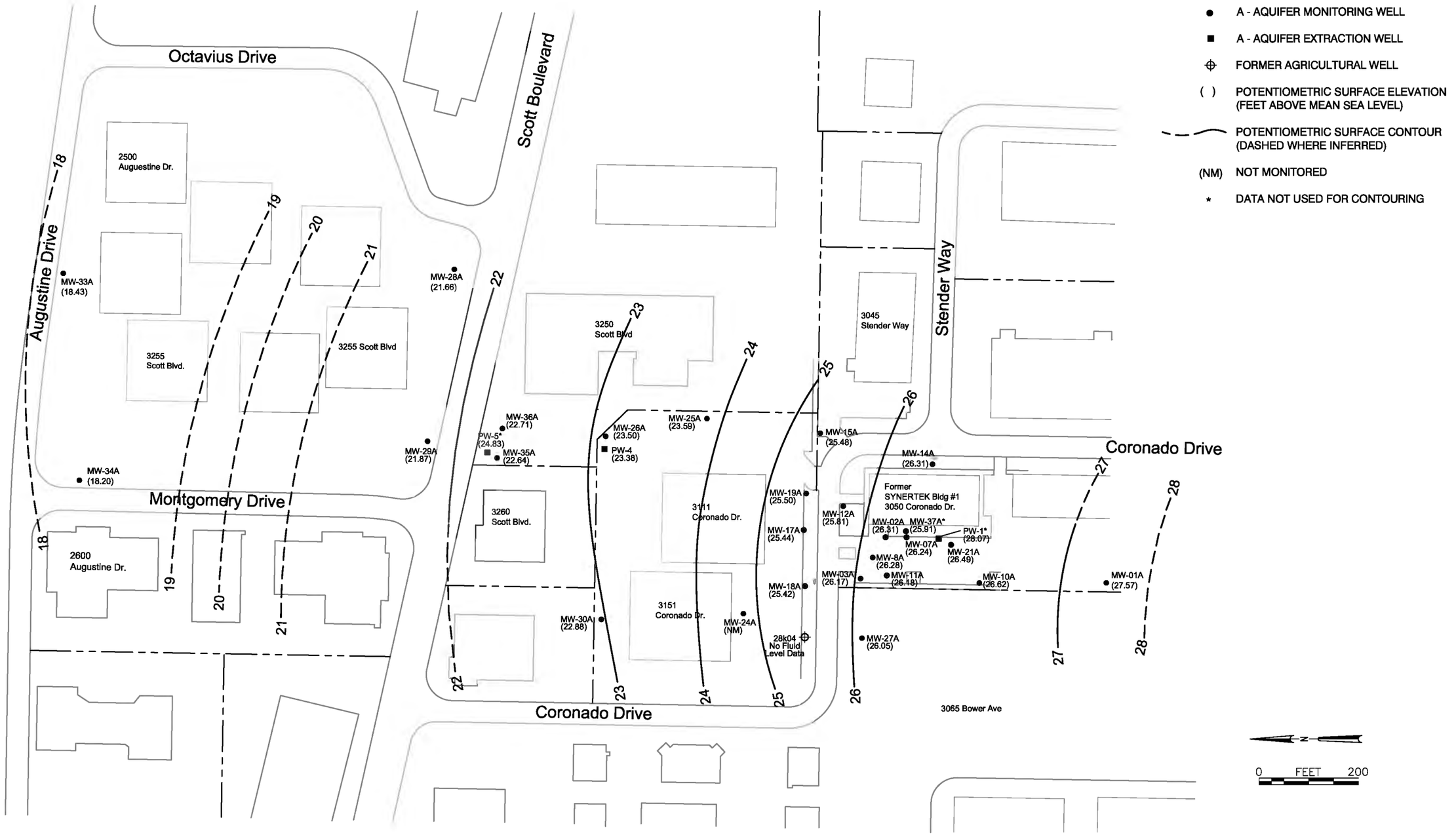



**FIGURE 2-1**
**POTENTIOMETRIC SURFACE MAP**
**A-AQUIFER (05/01-02/2013)**

HONEYWELL INTERNATIONAL INC.
FORMER SYNERTEK BUILDING NO. 1
3050 CORONADO DRIVE, SANTA CLARA, CALIFORNIA

PLOT DATE: 12-30-13 17:29:38 May-2013-PSM-A-Aquifer.dwg

CH2MHILL

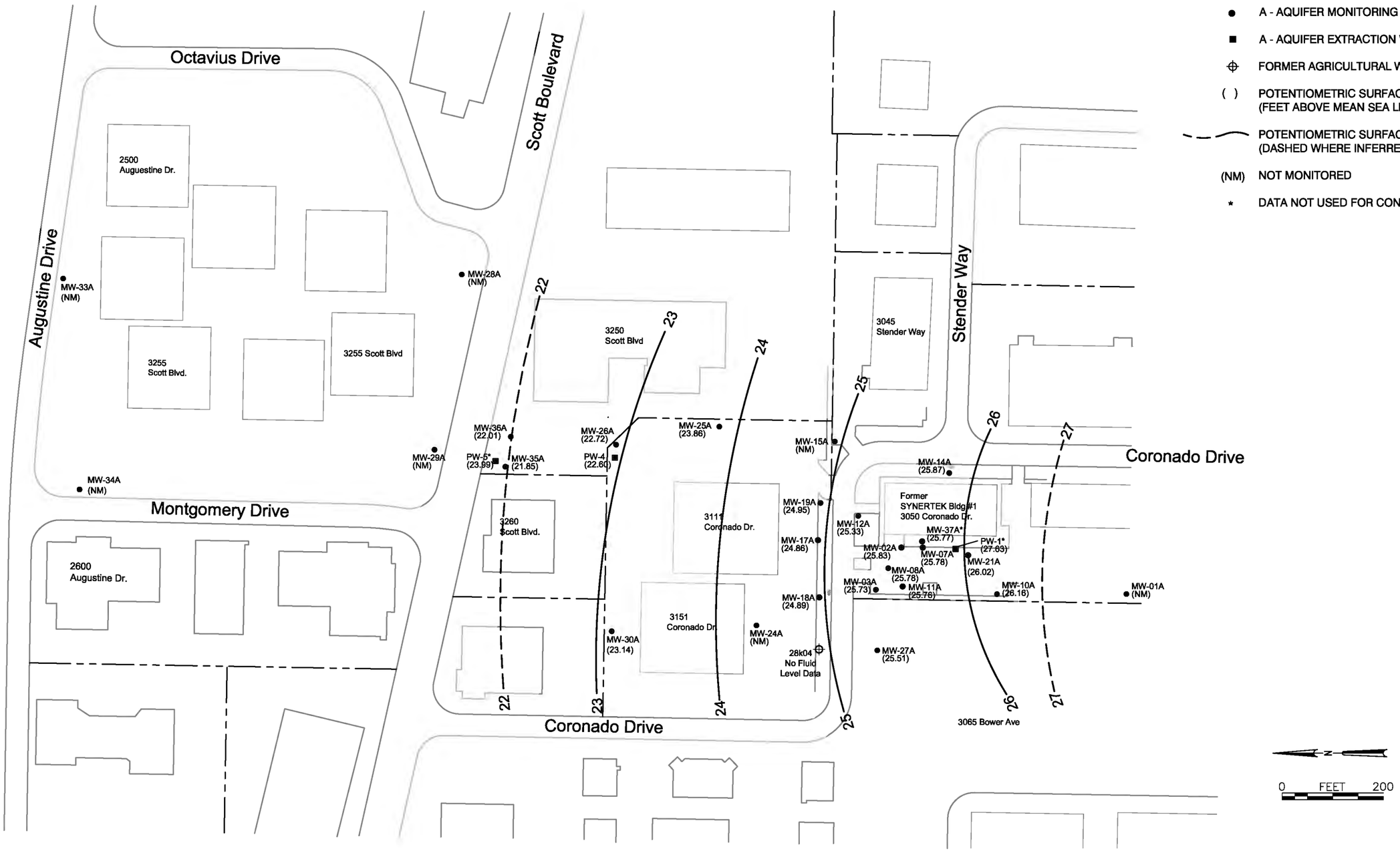



**FIGURE 2-2**
**POTENTIOMETRIC SURFACE MAP**
**A-AQUIFER (10/29-30/2013)**

HONEYWELL INTERNATIONAL INC.
FORMER SYNERTEK BUILDING NO. 1
3050 CORONADO DRIVE, SANTA CLARA, CALIFORNIA

PLOT DATE: 12-30-13 18:04:07 OCT-2013-PSM-A-Aquifer.dwg

CH2MHILL

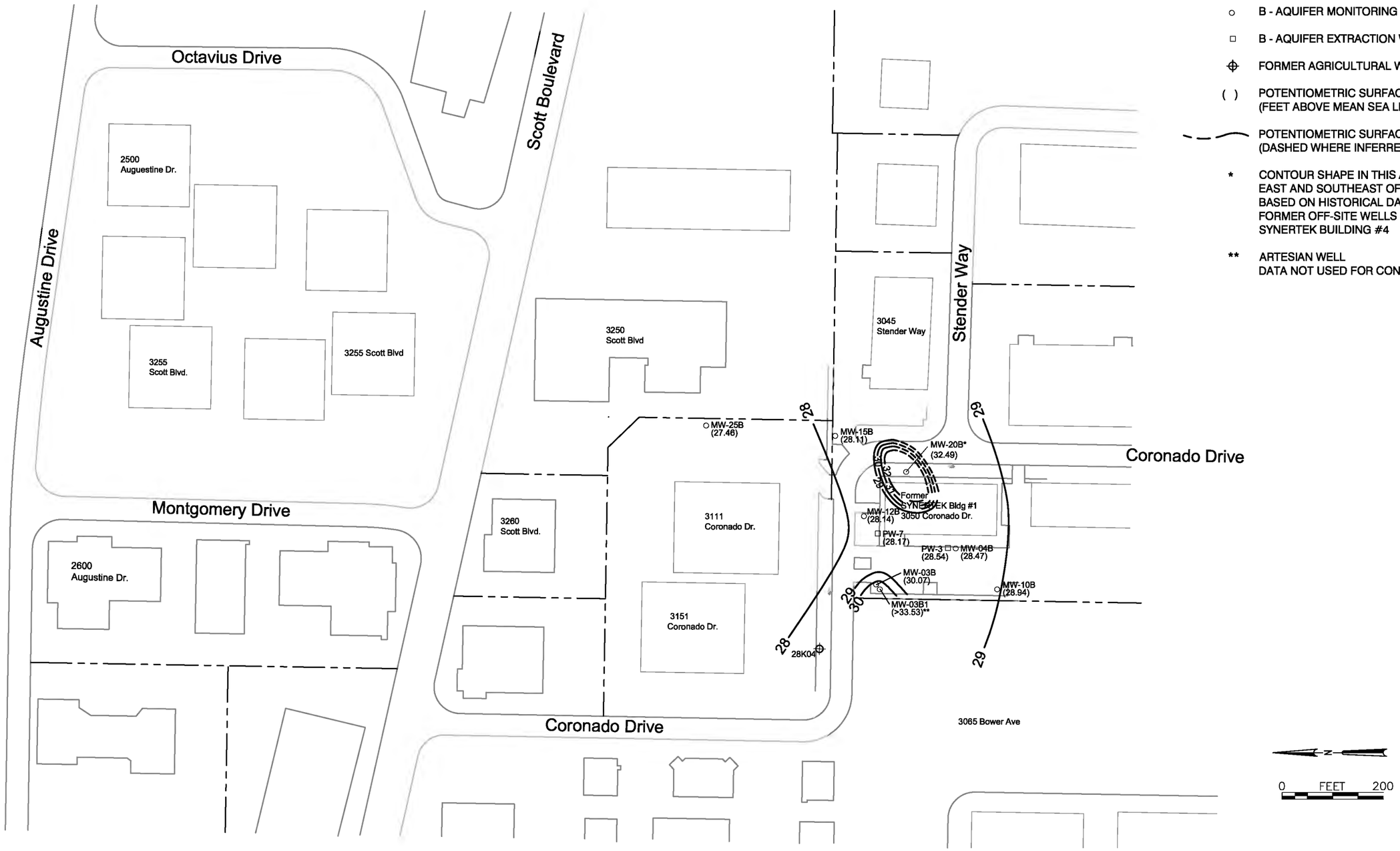



**FIGURE 2-3**
**POTENTIOMETRIC SURFACE MAP**
**B-AQUIFER (05/01-02/2013)**

HONEYWELL INTERNATIONAL INC.
FORMER SYNERTEK BUILDING NO. 1
3050 CORONADO DRIVE, SANTA CLARA, CALIFORNIA

PLOT DATE: 01-31-14 10:35:08 May-2013-PSM-B-Aquifer.dwg

CH2MHILL

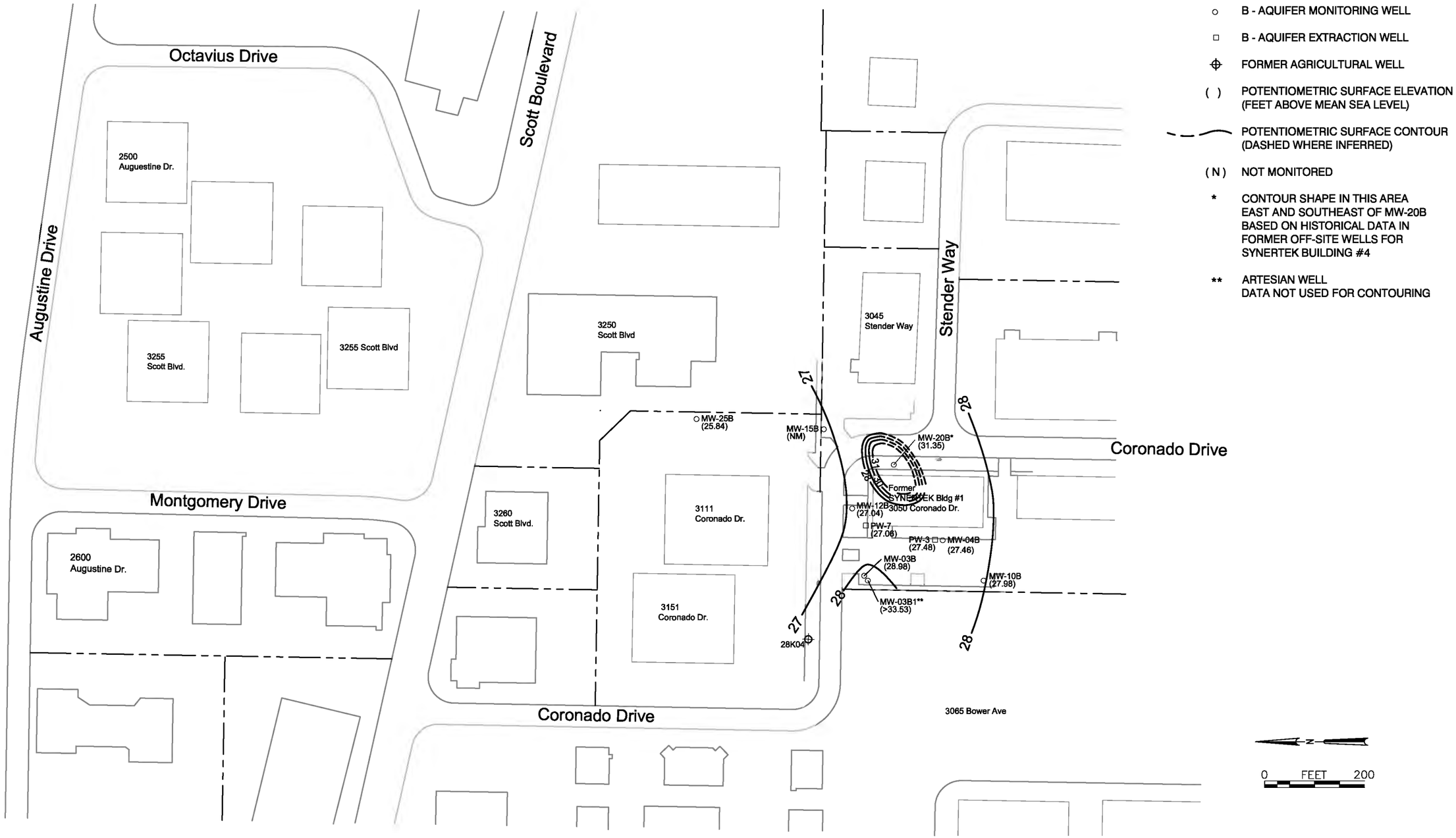
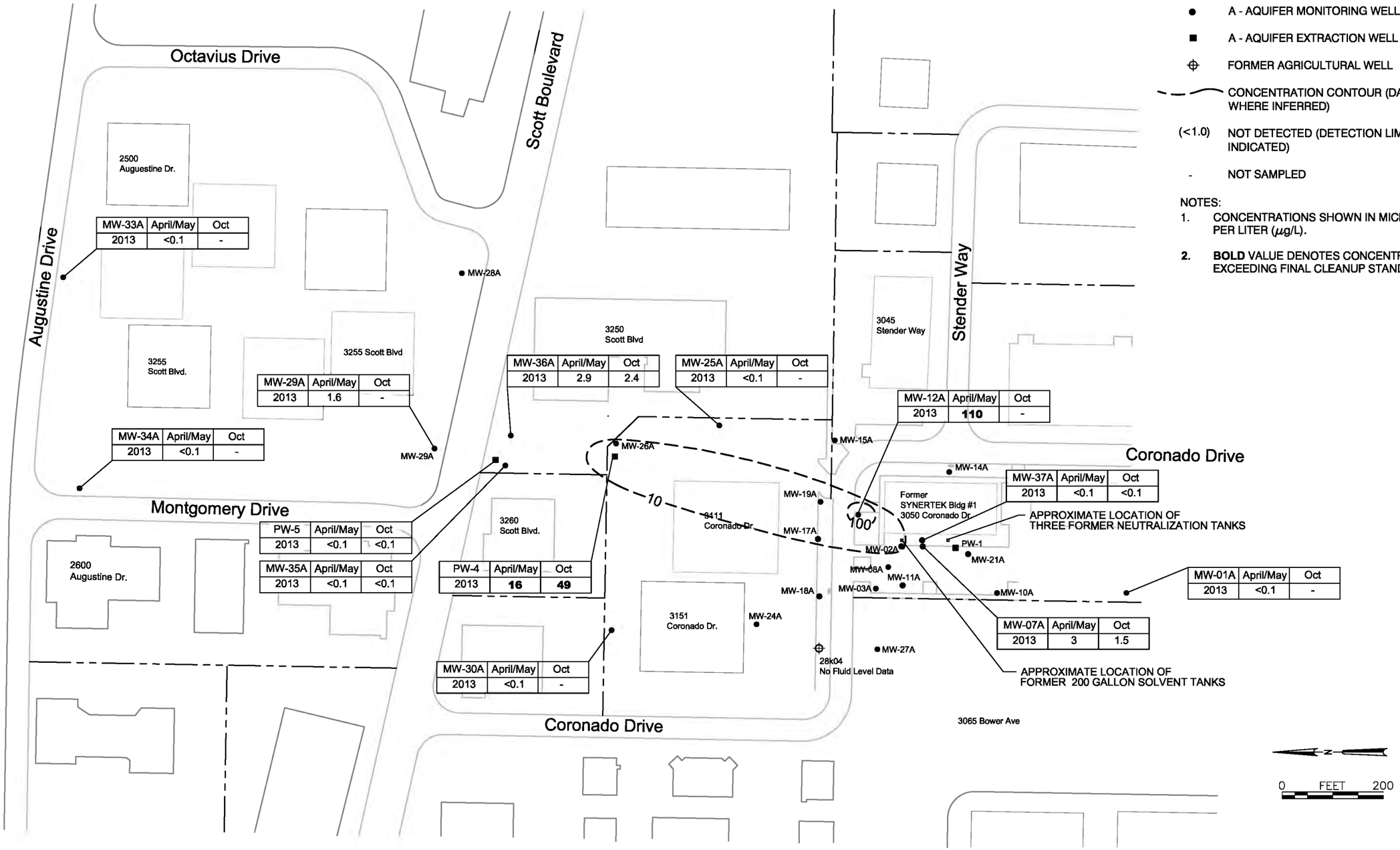



**FIGURE 2-4**
**POTENTIOMETRIC SURFACE MAP**
**B-AQUIFER (10/29-30/2013)**

HONEYWELL INTERNATIONAL INC.
FORMER SYNERTEK BUILDING NO. 1
3050 CORONADO DRIVE, SANTA CLARA, CALIFORNIA

PLOT DATE: 01-31-14 10:33:23 Oct-2013-PSM-B-Aquifer.dwg

CH2MHILL




| MW-33A | April/May | Oct |
|---|---|---|
| 2013 | <0.1 | - |

| MW-29A | April/May | Oct |
|---|---|---|
| 2013 | 1.6 | - |

| MW-34A | April/May | Oct |
|---|---|---|
| 2013 | <0.1 | - |

| PW-5 | April/May | Oct |
|---|---|---|
| 2013 | <0.1 | <0.1 |

| MW-35A | April/May | Oct |
|---|---|---|
| 2013 | <0.1 | <0.1 |

| MW-36A | April/May | Oct |
|---|---|---|
| 2013 | 2.9 | 2.4 |

| MW-25A | April/May | Oct |
|---|---|---|
| 2013 | <0.1 | - |

| PW-4 | April/May | Oct |
|---|---|---|
| 2013 | **16** | **49** |

| MW-30A | April/May | Oct |
|---|---|---|
| 2013 | <0.1 | - |

| MW-12A | April/May | Oct |
|---|---|---|
| 2013 | **110** | - |

| MW-37A | April/May | Oct |
|---|---|---|
| 2013 | <0.1 | <0.1 |

| MW-01A | April/May | Oct |
|---|---|---|
| 2013 | <0.1 | - |

| MW-07A | April/May | Oct |
|---|---|---|
| 2013 | 3 | 1.5 |

LEGEND

- ● A - AQUIFER MONITORING WELL
- ■ A - AQUIFER EXTRACTION WELL
- ⊕ FORMER AGRICULTURAL WELL
- CONCENTRATION CONTOUR (DASHED WHERE INFERRED)
- (<1.0) NOT DETECTED (DETECTION LIMIT INDICATED)
- \- NOT SAMPLED

NOTES:

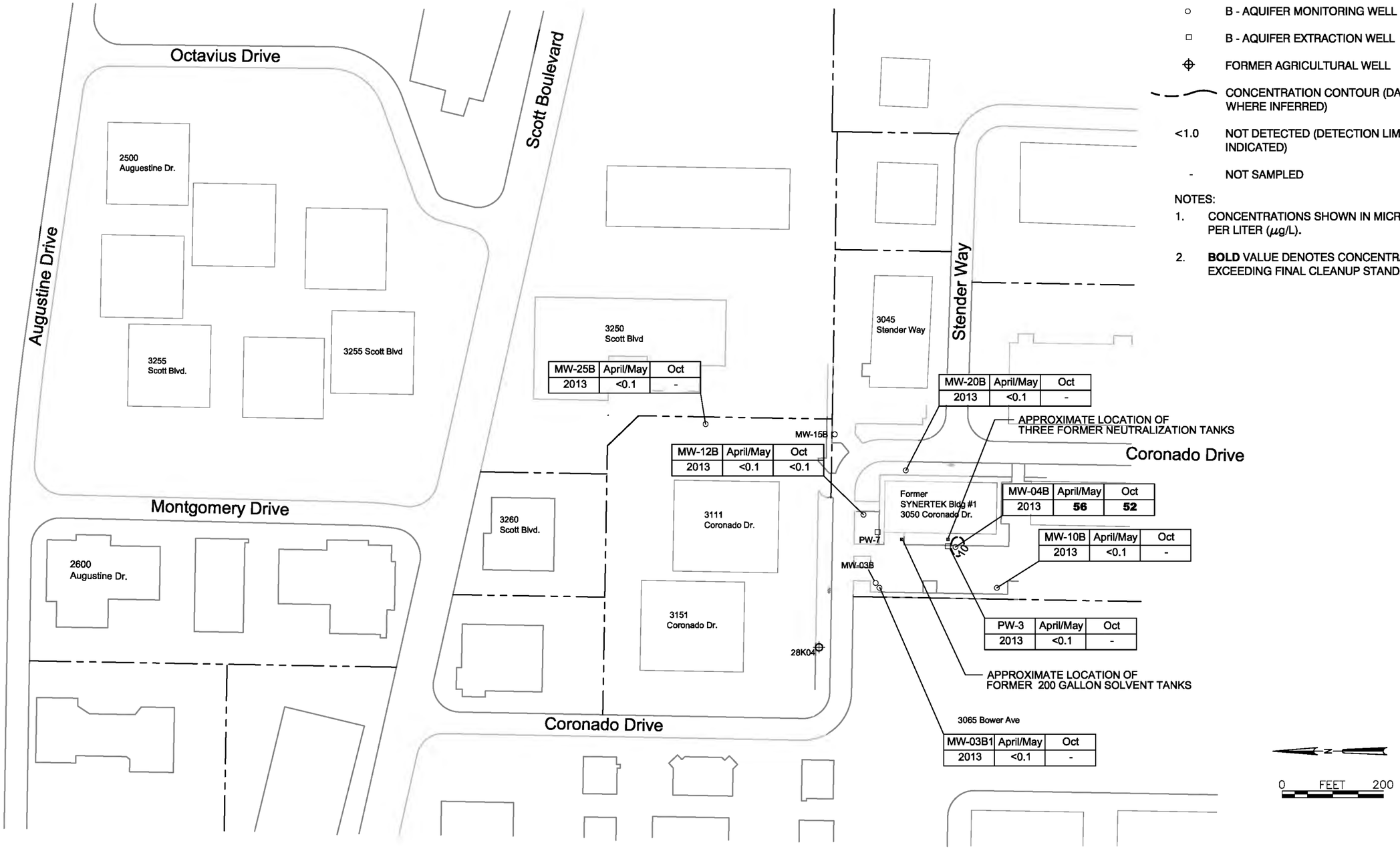
1. CONCENTRATIONS SHOWN IN MICROGRAMS PER LITER ($\mu$g/L).
2. **BOLD** VALUE DENOTES CONCENTRATION EXCEEDING FINAL CLEANUP STANDARD (5 $\mu$g/L)

**FIGURE 3-1**
**TCE Distribution**
**A-Aquifer (April/May and October 2013)**

HONEYWELL INTERNATIONAL INC.
FORMER SYNERTEK BUILDING NO. 1
3050 CORONADO DRIVE, SANTA CLARA, CALIFORNIA

PLOT DATE: 01-09-14 9:44:00 2013-TCE-A-Aquifer.dwg

CH2MHILL




LEGEND

- ○ B - AQUIFER MONITORING WELL
- □ B - AQUIFER EXTRACTION WELL
- ⊕ FORMER AGRICULTURAL WELL
- CONCENTRATION CONTOUR (DASHED WHERE INFERRED)
- <1.0 NOT DETECTED (DETECTION LIMIT INDICATED)
- \- NOT SAMPLED

NOTES:

1. CONCENTRATIONS SHOWN IN MICROGRAMS PER LITER (μg/L).
2. **BOLD** VALUE DENOTES CONCENTRATION EXCEEDING FINAL CLEANUP STANDARD (5μg/L).

**FIGURE 3-2**
**TCE Distribution**
**B-Aquifer (April/May and October 2013)**

HONEYWELL INTERNATIONAL INC.
FORMER SYNERTEK BUILDING NO. 1
3050 CORONADO DRIVE, SANTA CLARA, CALIFORNIA

PLOT DATE: 12-30-13 17:48:42 2013-TCE-B-Aquifer.dwg

CH2MHILL

# Appendix A
# Field Data Sheets from 2013 Sampling

## Purge Form

Project Name **Honeywell Synertek - Santa Clara, CA** Sampling Event **1st SA 2013 & EDR**

Job number 469196.HW.60.61.20 Date 05.01.13

Field Team JM/OC Field Conditions Sunny/No Wind/low 80s Page 1 of 1

**Well/Sample Number** MW-20B_05012013 (e.g., MW-XXA/B_MMDDYYYY) **QC Sample ID** —o— **QC Sample Time** —o—

Purge Start Time 1311 Stop 1338 Purge Method **Peristaltic Pump** Dedicated Pump **N**

Flow Cell (Y)/ N Purge Volume (gal) 1.0 Purge Rate (mL/min) 150

| Water Level | Time | Vol. Purged gal / L | pH | Cond mS/cm | Turbidity NTU | DO mg/L | Temp C | Eh/ORP mV | Comments (See description below) |
|---|---|---|---|---|---|---|---|---|---|
| NM | 1314 | 0.2 | 8.74 | 0.372 | NA | 1.39 | 19.48 | -69.9 | |
| WL zip | 1317 | 0.3 | 8.87 | 0.365 | | 0.65 | 19.25 | -98.8 | |
| tied to | 1320 | 0.4 | 8.88 | 0.363 | | 0.53 | 19.18 | -112.6 | Clear Water |
| tubing | 1323 | 0.5 | 8.87 | 0.363 | | 0.41 | 19.20 | -119.9 | |
| | 1326 | 0.6 | 8.88 | 0.363 | | 0.35 | 19.21 | -123.4 | |
| | 1329 | 0.7 | 8.88 | 0.363 | | 0.31 | 19.15 | -129.8 | |
| | 1332 | 0.8 | 8.88 | 0.363 | | 0.28 | 19.22 | -132.2 | |
| | 1335 | 0.9 | 8.89 | 0.363 | | 0.26 | 19.23 | -135.8 | |
| **Parameter Stabilization Criteria** | | | +/- 0.1 pH units | +/- 3% | +/- 10% NTU units when >10 NTU | +/- 0.3 mg/L | NA | +/- 10 mV | |
| **Did parameters stabilize prior to sampling?** | | | | | | | | | |
| Previous field measurement | | | | | | | | | |
| **Are measurements consistent with previous?** | | | | | | | | | |

Sample Time 1335 Sample Location **MW-20B** Pump tubing Y /(N) Fe (mg/L) —o— Mn (mg/L) —o—

Comments PID BKg/WH = 0.0/0.0 ppm, water level Not Collected, - tubing TD = 43.30 Tubing installed @ 38.60 ft TOC tied to water level

Initial Depth to Water (ft BTOC) 2.60 Measure Point (Well TOC) **Steel Casing** WL meter Serial # C-102624

**Color:** (clear) grey yelow brown black cloudy green

**Odor:** (none) sulphur organic other **Solids:** (Trace) Small Qu Med Qu Large Qu Particulate Silt Sand

## Purge Form

Project Name **Honeywell Synertek - Santa Clara, CA** Sampling Event **1st SA 2013 & EDR**

Job number 469196.HW.60.61.20 Date 05.01.13

Field Team JM/OC Field Conditions Sunny/No Wind Page 1 of 1

**Well/Sample Number** MW-10B_05012013 (e.g., MW-XXA/B_MMDDYYYY) **QC Sample ID** —o— **QC Sample Time** —o—

Purge Start Time 1223 Purge Method **Peristaltic Pump** Dedicated Pump **N**

Flow Cell (Y) / N Purge Volume (gal) 0.9 Purge Rate (mL/min)

| Water Level | Time | Vol. Purged gal / L | pH | Cond mS/cm | Turbidity NTU | DO mg/L | Temp C | Eh/ORP mV | Comments (See description below) |
|---|---|---|---|---|---|---|---|---|---|
| 5.17 | 1226 | 0.2 | 7.77 | 0.460 | NA | 1.04 | 19.84 | -108.4 | |
| 5.33 | 1229 | 0.3 | 7.81 | 0.430 | | 0.18 | 19.75 | -156.8 | |
| 5.38 | 1232 | 0.4 | 7.83 | 0.428 | | 0.08 | 19.70 | -177.9 | |
| 5.41 | 1235 | 0.5 | 7.84 | 0.429 | | 0.03 | 19.63 | -191.2 | |
| 5.43 | 1238 | 0.6 | 7.83 | 0.430 | | 0.05 | 19.62 | -194.6 | |
| 5.44 | 1241 | 0.7 | 7.83 | 0.432 | | 0.10 | 19.60 | -200.8 | |
| 5.44 | 1244 | 0.8 | 7.83 | 0.435 | | 0.13 | 19.62 | -198.0 | |
| | | | | | | | | | |
| **Parameter Stabilization Criteria** | | | +/- 0.1 pH units | +/- 3% | +/- 10% NTU units when >10 NTU | +/- 0.3 mg/L | NA | +/- 10 mV | |
| **Did parameters stabilize prior to sampling?** | | | Y | Y | | Y | | Y | |
| Previous field measurement | | | | | | | | | |
| **Are measurements consistent with previous?** | | | | | | | | | |

Sample Time 1245 Sample Location MW-10B Pump tubing (Y) / N Fe (mg/L) —o— Mn (mg/L) —o—

Comments TD = 38.93 ft TOC
PID Bkg/WH = 0.0/0.0 ppm

Initial Depth to Water (ft BTOC) 5.08 Measure Point (Well TOC) **Steel Casing** WL meter Serial # C-102624

**Color:** clear grey (yellow) brown black cloudy green

**Odor:** (none) sulphur organic other

**Solids:** Trace Small Qu (Med Qu) Large Qu Particulate Silt Sand

/

## Purge Form

Project Name **Honeywell Synertek - Santa Clara, CA** Sampling Event **1st SA 2013 & EDR**

Job number 469196.HW.60.61.20 Date 05.01.13

Field Team JM / OC Field Conditions Sunny / No Wind / High 70 Page 1 of 1

**Well/Sample Number** MW-07A_05012013 (e.g., MW-XXA/B_MMDDYYYY) **QC Sample ID** — **QC Sample Time** —

Purge Start Time 1133 Purge Method **Peristaltic Pump** Dedicated Pump **N**

Flow Cell (Y) / N Purge Volume (gal) 1.0 Purge Rate (mL/min) 150

| Water Level | Time | Vol. Purged gal / L | pH | Cond mS/cm | Turbidity NTU | DO mg/L | Temp C | Eh/ORP mV | Comments (See description below) |
|---|---|---|---|---|---|---|---|---|---|
| 7.89 | 1136 | 0.2 | 6.58 | 1.650 | Nm | 0.90 | 20.45 | -84.9 | |
| 7.90 | 1139 | 0.3 | 6.57 | 1.644 | | 0.39 | 20.47 | -87.7 | |
| 7.90 | 1142 | 0.4 | 6.58 | 1.601 | | 0.40 | 20.42 | -87.7 | |
| 7.90 | 1145 | 0.5 | 6.58 | 1.565 | | 0.24 | 20.35 | -86.6 | |
| 7.90 | 1148 | 0.6 | 6.58 | 1.540 | | 0.25 | 20.37 | -86.3 | |
| 7.90 | 1151 | 0.7 | 6.57 | 1.520 | | 0.20 | 20.32 | -85.1 | |
| 7.90 | 1154 | 0.8 | 6.57 | 1.502 | | 0.18 | 20.28 | -84.8 | |
| | | | | | | | | | |

| Parameter Stabilization Criteria | +/- 0.1 pH units | +/- 3% | +/- 10% NTU units when >10 NTU | +/- 0.3 mg/L | NA | +/- 10 mV | |
|---|---|---|---|---|---|---|---|
| Did parameters stabilize prior to sampling? | Y | Y | | Y | Y | Y | |
| Previous field measurement | 7.65 | 1.91 | 0.0 | 0.29 | 19.50 | -110 | May 2012: Fe = 1.25 mg/L; Mn = 0.60 mg/L; WL = 7.22' |
| Are measurements consistent with previous? | | | | | | | |

Sample Time 1154 Sample Location **MW-07A** Pump tubing (Y) / N Fe (mg/L) 2.50 Mn (mg/L) 0.20

Comments PID 0.0/0.0

Initial Depth to Water (ft BTOC) 7.87 Measure Point (Well TOC) Steel Casing WL meter Serial # C-102624

Color: (clear) grey yelow brown black cloudy green

Odor: (none) sulphur organic other

Solids: (Trace) Small Qu Med Qu Large Qu Particulate Silt Sand

Total Depth 21.49

## Purge Form

Project Name: Honeywell Synertek - Santa Clara, CA
Sampling Event: 1st SA 2013 & EDR
Job number: 469196.HW.60.61.20
Date: 05-01-13
Field Team: OC/JM
Field Conditions: Sunny/No wind/low 70s
Page: 1 of 1

Well/Sample Number: MW-37A_05012013
(e.g., MW-XXA/B_MMDDYYYY)
QC Sample ID: MW-37A_05012013-FD
MW-37A_05012013MS
MW-37A_05012013SD
QC Sample Time:

Purge Start Time: 1001
Purge Method: Peristaltic Pump
Dedicated Pump: N
Flow Cell: (Y)/ N
Purge Volume (gal): 0.8
Purge Rate (mL/min): 150

| Water Level | Time | Vol. Purged gal / L | pH | Cond mS/cm | Turbidity NTU | DO mg/L | Temp C | Eh/ORP mV | Comments (See description below) |
|---|---|---|---|---|---|---|---|---|---|
| 9.19 | 1006 | 0.2 | 6.46 | 2.040 | NM | 0.58 | 19.86 | -117.6 | |
| 9.20 | 1009 | 0.3 | 6.47 | 2.044 | | 0.65 | 19.84 | -119.7 | |
| 9.20 | 1012 | 0.4 | 6.48 | 2.045 | | 0.63 | 19.79 | -121.7 | |
| 9.20 | 1015 | 0.5 | 6.49 | 2.045 | | 0.54 | 19.69 | -123.5 | |
| 9.20 | 1018 | 0.6 | 6.49 | 2.045 | | 0.49 | 19.63 | -126.5 | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

| Parameter Stabilization Criteria | +/- 0.1 pH units | +/- 3% | +/- 10% NTU units when >10 NTU | +/- 0.3 mg/L | NA | +/- 10 mV | |
|---|---|---|---|---|---|---|---|
| Did parameters stabilize prior to sampling? | Y | Y | | Y | Y | Y | |
| Previous field measurement | 7.91 | 1.97 | 0.0 | 0.47 | 20.59 | 79 | May 2012 (Fe = 1.2 mg/L; Mn = 1.2 mg/L; WL = 7.98') |
| Are measurements consistent with previous? | | | | | | | |

Sample Time: ~~0930~~ OC 1030
Sample Location: MW-37A
Pump tubing (Y)/ N
Fe (mg/L): 1.20
Mn (mg/L): 0.3

Comments: PID Bkg/WH = 0.0ppm/~~0.0~~ OC 0.1 ppm
TD = 21.67

Initial Depth to Water (ft BTOC): ~~9.19~~ OC 9.19
Measure Point: (Well TOC) Steel Casing
WL meter Serial #: C-102624

Color: (clear) grey yelow brown black cloudy green
Odor: (none) sulphur organic other
Solids: (Trace) Small Qu Med Qu Large Qu Particulate Silt Sand

## Purge Form

Project Name **Honeywell Synertek - Santa Clara, CA** Sampling Event **1st SA 2013 & EDR**

Job number 469196.HW.60.61.20 Date 05.01.13

Field Team JM/OC Field Conditions Sunny / No Wind / high 60s Page 1 of 1

**Well/Sample Number** MW-03B1_05012013 (e.g., MW-XXA/B_MMDDYYYY) **QC Sample ID** —o— **QC Sample Time** —o—

Purge Start Time 0857 Purge Method **Peristaltic Pump** Dedicated Pump **N**

Flow Cell (Y) / N Purge Volume (gal) 0.8 Purge Rate (mL/min) 150

| Water Level | Time | Vol. Purged gal / L | pH | Cond mS/cm | Turbidity NTU | DO mg/L | Temp C | Eh/ORP mV | Comments (See description below) |
|---|---|---|---|---|---|---|---|---|---|
| NM | 0906 | 0.2 | 7.46 | 0.666 | NM | 0.35 | 20.91 | -179.9 | |
| tubing | 0909 | 0.3 | 7.42 | 0.686 | | 0.22 | 20.73 | -188.1 | |
| zip tied | 0912 | 0.4 | 7.42 | 0.706 | | 0.28 | 20.73 | -196.4 | |
| to WL | 0915 | 0.5 | 7.43 | 0.718 | | 0.29 | 20.71 | -197.1 | |
| | 0918 | 0.6 | 7.43 | 0.722 | | 0.26 | 20.67 | -195.8 | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| **Parameter Stabilization Criteria** | | | +/- 0.1 pH units | +/- 3% | +/- 10% NTU units when >10 NTU | +/- 0.3 mg/L | NA | +/- 10 mV | |
| **Did parameters stabilize prior to sampling?** | | | Y | Y | | Y | | Y | |
| Previous field measurement | | | | | | | | | |
| **Are measurements consistent with previous?** | | | | | | | | | |

Sample Time 0920 Sample Location **MW-03B1** Pump tubing Y / (N) Fe (mg/L) —o— Mn (mg/L) —o—

Comments PID Bkg/WH = 0.0/0.0 ppm
Tubing @ 102 ft TOC

Initial Depth to Water (ft BTOC) 0.7 Measure Point (Well TOC) **Steel Casing** **WL meter Serial #** C-102624

**Color** (clear) grey yelow brown black cloudy green

**Odor** (none) sulphur organic other **Solids** (Trace) Small Qu Med Qu Large Qu Particulate Silt Sand

## Purge Form

Project Name **Honeywell Synertek - Santa Clara, CA** Sampling Event **1st SA 2013 & EDR**

Job number 469196.HW.60.61.20 Date 04-30-13

Field Team JC/OC Field Conditions Sunny/E/mid 80s Page 1 of 1

**Well/Sample Number** PW-4_04302013 (e.g., MW-XXA/B_MMDDYYYY) **QC Sample ID** —o— **QC Sample Time** —o—

Purge Start Time 1339 Purge Method **Peristaltic Pump** Dedicated Pump **N**

Flow Cell (Y) N Purge Volume (gal) Purge Rate (mL/min) 150

| Water Level | Time | Vol. Purged gal / L | pH | Cond mS/cm | Turbidity NTU | DO mg/L | Temp C | Eh/ORP mV | Comments (See description below) |
|---|---|---|---|---|---|---|---|---|---|
| 8.47 | 1342 | 0.2 | 7.94 | 1.297 | NM | 1.64 | 21.66 | -14.7 | |
| 8.54 | 1345 | 0.3 | 7.97 | 1.305 | | 1.16 | 21.43 | -32.7 | |
| 8.58 | 1348 | 0.4 | 7.99 | 1.308 | | 0.88 | 21.42 | -40.7 | |
| 8.64 | 1351 | 0.5 | 8.01 | 1.307 | | 0.71 | 21.44 | -50.8 | |
| 8.69 | 1354 | 0.6 | 8.02 | 1.308 | | 0.68 | 21.40 | -59.3 | |
| 8.74 | 1357 | 0.7 | 8.01 | 1.309 | | 0.53 | 21.37 | -63.5 | |
| 8.78 | 1400 | 0.8 | 8.02 | 1.309 | | 0.56 | 21.39 | -74.7 | |
| 8.81 | 1403 | 0.9 | 8.03 | 1.310 | | 0.49 | 21.40 | -82.4 | |
| 8.84 | 1406 | 1.0 | 8.03 | 1.310 | | 0.51 | 21.47 | -91.9 | |
| **Parameter Stabilization Criteria** | | | +/- 0.1 pH units | +/- 3% | +/- 10% NTU units when >10 NTU | +/- 0.3 mg/L | NA | +/- 10 mV | |
| **Did parameters stabilize prior to sampling?** | | | Y | Y | Y | Y | Y | Y | |
| Previous field measurement | | | 9.76 | 1.39 | 0.0 | 0.42 | 20.09 | -30 | May 2012 (WL = 7.72') |
| **Are measurements consistent with previous?** | | | | | | | | | |

Sample Time 1415 Sample Location **PW-4** Pump tubing (Y) / N Fe (mg/L) —o— Mn (mg/L) —o—

Comments PID Bkg/WH = 0.0/0.0ppm

Initial Depth to Water (ft BTOC) 8.36 Measure Point (Well TOC) **Steel Casing** WL meter Serial # C-102624

**Color:** (clear) grey yelow brown black cloudy green

**Odor:** (none) sulphur organic other

No solids

**Solids:** Trace Small Qu Med Qu Large Qu Particulate Silt Sand

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8.86 | 1410 | 1.1 | 8.01 | 1.308 | 0.53 | 21.66 | -94.3 |
| DUP | 1412 | 1.2 | 8.01 | 1.307 | 0.50 | 21.72 | -97.7 |

## Purge Form

Project Name **Honeywell Synertek - Santa Clara, CA** Sampling Event **1st SA 2013 & EDR**

Job number 469196.HW.60.61.20 Date 04-30-13

Field Team OC/JM Field Conditions Sunny/E/low 80s (82°F) Page 1 of 1

**Well/Sample Number** ~~HW~~ OC PW-3_04302013 (e.g., MW-XXA/B_MMDDYYYY) **QC Sample ID** —o— **QC Sample Time** —o—

Purge Start Time 1247 Tubing replaced (1310) Purge Method **Peristaltic Pump** Dedicated Pump **N**

Flow Cell (Y)/ N Purge Volume (gal) 0.7 Purge Rate (mL/min) 150

| Water Level OC | Time | Vol. Purged gal / L | pH | Cond mS/cm | Turbidity NTU | DO mg/L | Temp C | Eh/ORP mV | Comments (See description below) |
|---|---|---|---|---|---|---|---|---|---|
| ~~8~~3.45 | 1313 | 0.2 | 6.67 | 1.886 | NM | 1.32 | 22.69 | -156.9 | |
| 3.49 | 1316 | 0.3 | 6.62 | 1.887 | | 0.66 | 22.17 | -155.8 | |
| 3.54 | 1319 | 0.4 | 6.61 | 1.873 | | 0.63 | 22.01 | -152.4 | |
| 3.65 | 1322 | 0.5 | 6.61 | 1.865 | | 0.45 | 22.07 | -151.0 | |
| 3.67 | 1325 | 0.6 | 6.61 | 1.861 | | 0.44 | 22.08 | -149.1 | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

| Parameter Stabilization Criteria | +/- 0.1 pH units | +/- 3% | +/- 10% NTU units when >10 NTU | +/- 0.3 mg/L | NA | +/- 10 mV | |
|---|---|---|---|---|---|---|---|
| Did parameters stabilize prior to sampling? | Y | Y | | Y | Y | Y | |
| Previous field measurement | | | | | | | |
| Are measurements consistent with previous? | | | | | | | |

Sample Time 1328 Sample Location **PW-3** Pump tubing (Y)/ N Fe (mg/L) —o— Mn (mg/L) —o—

Comments PID BKg/WH = 0.0/0.0 ppm
Tubing replaced

Initial Depth to Water (ft BTOC) 3.28 Measure Point (Well TOC) Steel Casing WL meter Serial # C-102624

**Color:** clear grey (yellow) brown black cloudy green

**Odor:** (none) sulphur organic other

**Solids:** Trace (Small Qu) Med Qu Large Qu Particulate Silt Sand

## Purge Form

Project Name **Honeywell Synertek - Santa Clara, CA** Sampling Event **1st SA 2013 & EDR**

Job number 469196.HW.60.61.20 Date 04-30-13

Field Team OC/JM Field Conditions Sunny/E/mid 70s Page 1 of 1

**Well/Sample Number** MW-30A_04302013 (e.g., MW-XXA/B_MMDDYYYY) **QC Sample ID** —o— **QC Sample Time** —o—

Purge Start Time 1111 Purge Method **Peristaltic Pump** Dedicated Pump **N**

Flow Cell (Y) / N Purge Volume (gal) 0.9 Purge Rate (mL/min) 150

| Water Level | Time | Vol. Purged gal / L | pH | Cond mS/cm | Turbidity NTU | DO mg/L | Temp C | Eh/ORP mV | Comments (See description below) |
|---|---|---|---|---|---|---|---|---|---|
| 9.93 | 1114 | 0.2 | 6.93 | 1.485 | NM | 2.02 | 20.10 | 26.4 | |
| 9.93 | 1117 | 0.3 | 6.93 | 1.510 | | 1.75 | 20.07 | 11.6 | |
| 9.93 | 1120 | 0.4 | 6.94 | 1.520 | | 1.23 | 20.04 | 8.4 | |
| 9.93 | 1123 | 0.5 | 6.94 | 1.525 | | 1.03 | 20.02 | 5.8 | |
| 9.93 | 1126 | 0.6 | 6.95 | 1.538 | | 0.81 | 20.05 | 2.8 | |
| 9.93 | 1129 | 0.7 | 6.95 | 1.547 | | 0.76 | 20.04 | 3.0 | |
| | | | | | | | | | |
| | | | | | | | | | |

| Parameter Stabilization Criteria | +/- 0.1 pH units | +/- 3% | +/- 10% NTU units when >10 NTU | +/- 0.3 mg/L | NA | +/- 10 mV | |
|---|---|---|---|---|---|---|---|
| Did parameters stabilize prior to sampling? | Y | Y | | Y | | Y | |
| Previous field measurement | | | | | | | |
| Are measurements consistent with previous? | | | | | | | |

Sample Time 1130 Sample Location **MW-30A** Pump tubing (Y) / N Fe (mg/L) —o— Mn (mg/L) —o—

Comments BKg/WH = 0.0/0.0 ppm (PID)

Initial Depth to Water (ft BTOC) 9.79 Measure Point (Well TOC) **Steel Casing** WL meter Serial # C-102624

**Color:** (clear) grey yelow brown black cloudy green

**Odor:** (none) sulphur organic other **Solids** (Trace) Small Qu Med Qu Large Qu Particulate Silt Sand

## Purge Form

Project Name **Honeywell Synertek - Santa Clara, CA** Sampling Event **1st SA 2013 & EDR**

Job number 469196.HW.60.61.20 Date 04.30.13

Field Team OC/JM Field Conditions Sunny/E/mid 70s Page 1 of

**Well/Sample Number** PW-5_04302013 (e.g., MW-XXA/B_MMDDYYYY) **QC Sample ID** —o— **QC Sample Time** —o—

Purge Start Time 1034 Purge Method **Peristaltic Pump** Dedicated Pump **N**

Flow Cell (Y)/ N Purge Volume (gal) 1.5 Purge Rate (mL/min) 150

| Water Level | Time | Vol. Purged gal / L | pH | Cond mS/cm | Turbidity NTU | DO mg/L | Temp C | Eh/ORP mV | Comments (See description below) |
|---|---|---|---|---|---|---|---|---|---|
| 6.72 | 1037 | 0.2 | 7.89 | 1.323 | NM | 1.69 | 20.01 | 22.5 | |
| 6.72 | 1040 | 0.3 | 7.96 | 1.337 | | 1.36 | 19.91 | 11.4 | |
| 6.72 | 1043 | 0.4 | 7.98 | 1.346 | | 0.81 | 19.65 | -4.9 | |
| 6.73 | 1046 | 0.5 | 7.99 | 1.344 | | 0.65 | 19.68 | -10.5 | |
| 6.73 | 1049 | 0.6 | 7.99 | 1.347 | | 0.74 | 19.64 | -22.2 | |
| 6.73 | 1052 | 0.7 | 8.00 | 1.347 | | 0.70 | 19.61 | -27.5 | |
| 6.73 | 1055 | 0.8 | 8.00 | 1.347 | | 0.73 | 19.60 | -30.0 | |
| 6.73 | 1058 | 0.9 | 8.00 | 1.348 | | 0.80 | 19.62 | -17.1 | |
| **Parameter Stabilization Criteria** | | | +/- 0.1 pH units | +/- 3% | +/- 10% NTU units when >10 NTU | +/- 0.3 mg/L | NA | +/- 10 mV | |
| **Did parameters stabilize prior to sampling?** | | | Y | Y | | Y | | Y | |
| Previous field measurement | | | | | | | | | |
| **Are measurements consistent with previous?** | | | | | | | | | |

Sample Time 1100 Sample Location PW-5 [redacted] Pump tubing Y / (N) Fe (mg/L) —o— Mn (mg/L) —o—

Comments PID Bkg/WH = 0.0/0.0 ppm
Tubing installed @ 15 ft TOC

Initial Depth to Water (ft BTOC) 6.50 Measure Point (Well TOC) **Steel Casing** WL meter Serial # C-102624

**Color:** clear grey (yellow) brown black cloudy green

**Odor:** (none) sulphur organic other

**Solids:** Trace (Small Qu) Med Qu Large Qu Particulate Silt Sand

## Purge Form

Project Name **Honeywell Synertek - Santa Clara, CA** Sampling Event **1st SA 2013 & EDR**

Job number 469196.HW.60.61.20 Date 04-30-13

Field Team OC/JM Field Conditions Sunny / No wind / Page 1 of 1

**Well/Sample Number** MW-35A_04302013 (e.g., MW-XXA/B_MMDDYYYY) **QC Sample ID** —o— **QC Sample Time** —o—

Purge Start Time 0959 Purge Method **Peristaltic Pump** Dedicated Pump **N**

Flow Cell (Y)/ N Purge Volume (gal) 1.0 Purge Rate (mL/min) 150

| Water Level | Time | Vol. Purged gal / L | pH | Cond mS/cm | Turbidity NTU | DO mg/L | Temp C | Eh/ORP mV | Comments (See description below) |
|---|---|---|---|---|---|---|---|---|---|
| 8.67 | 1002 | 0.2 | 6.79 | 1.618 | NM | 1.18 | 19.92 | -43.4 | |
| 8.67 | 1005 | 0.3 | 6.82 | 1.634 | | 0.72 | 19.81 | -55.1 | |
| 8.67 | 1008 | 0.4 | 6.83 | 1.635 | | 0.23 | 19.88 | -62.2 | |
| 8.67 | 1011 | 0.5 | 6.83 | 1.638 | | 0.36 | 19.81 | -69.6 | |
| 8.67 | 1014 | 0.6 | 6.84 | 1.638 | | 0.34 | 19.81 | -75.8 | |
| 8.67 | 1017 | 0.7 | 6.84 | 1.637 | | 0.28 | 19.82 | -67.6 | |
| 8.67 | 1020 | 0.8 | 6.84 | 1.638 | | 0.21 | 19.84 | -69.9 | |
| | | | | | | | | | |

| Parameter Stabilization Criteria | +/- 0.1 pH units | +/- 3% | +/- 10% NTU units when >10 NTU | +/- 0.3 mg/L | NA | +/- 10 mV |
|---|---|---|---|---|---|---|
| Did parameters stabilize prior to sampling? | Y | Y | | Y | | Y |
| Previous field measurement | | | | | | |
| Are measurements consistent with previous? | | | | | | |

Sample Time 1022 Sample Location MW-35A Pump tubing Y / (N) Fe (mg/L) —o— Mn (mg/L) —o—

Comments PID Bkg/WH = 0.0/0.0 ppm
Tubing installed @ 15ft TOC

Initial Depth to Water (ft BTOC) 8.60 Measure Point (Well TOC) Steel Casing WL meter Serial # C-102624

**Color:** clear grey (yellow) (brown) black cloudy green

**Odor:** (none) sulphur organic other

**Solids:** Trace (Small Qu) Med Qu Large Qu Particulate Silt Sand

## Purge Form

Project Name **Honeywell Synertek - Santa Clara, CA** Sampling Event **1st SA 2013 & EDR**

Job number 469196.HW.60.61.20 Date 04-30-13

Field Team OC/JM Field Conditions Sunny/No wind/80°F Page 1 of 1

**Well/Sample Number** MW-36A_04302013 (e.g., MW-XXA/B_MMDDYYYY) **QC Sample ID** —o— **QC Sample Time** —o—

Purge Start Time 0929 Purge Method **Peristaltic Pump** Dedicated Pump **N**

Flow Cell (Y)/ N Purge Volume (gal) 1.0 Purge Rate (mL/min) 150

| Water Level | Time | Vol. Purged gal / L | pH | Cond mS/cm | Turbidity NTU | DO mg/L | Temp C | Eh/ORP mV | Comments (See description below) |
|---|---|---|---|---|---|---|---|---|---|
| 8.22 | 0932 | 0.2 | 6.81 | 1.712 | NM | 1.79 | 20.21 | 40.4 | |
| 8.23 | 0935 | 0.3 | 6.82 | 1.712 | | 1.01 | 20.18 | 35.6 | |
| 8.23 | 0938 | 0.4 | 6.83 | 1.712 | | 0.85 | 20.22 | 29.9 | |
| 8.23 | 0941 | 0.5 | 6.83 | 1.712 | | 0.81 | 20.21 | 24.2 | |
| 8.23 | 0944 | 0.6 | 6.83 | 1.711 | | 0.72 | 20.27 | 19.1 | |
| 8.23 | 0947 | 0.7 | 6.82 | 1.712 | | 0.74 | 20.27 | 14.9 | |
| 8.23 | 0951 | 0.8 | 6.83 | 1.711 | | 0.69 | 20.26 | 12.7 | |
| | | | | | | | | | |

| Parameter Stabilization Criteria | +/- 0.1 pH units | +/- 3% | +/- 10% NTU units when >10 NTU | +/- 0.3 mg/L | NA | +/- 10 mV | |
|---|---|---|---|---|---|---|---|
| Did parameters stabilize prior to sampling? | Y | Y | | Y | Y | Y | |
| Previous field measurement | | | | | | | |
| Are measurements consistent with previous? | | | | | | | |

Sample Time 0953 Sample Location MW-36A Pump tubing Y / (N) Fe (mg/L) —o— Mn (mg/L) —o—

Comments PID Bkg/WH = 0.0/0.0 ppm
Tubing installed @ 15 ft TOC Screen Interval 10.94 – 20.94

Initial Depth to Water (ft BTOC) 8.18 Measure Point (Well TOC) Steel Casing WL meter Serial # C-102624

**Color:** clear grey (yellow) brown black cloudy green

**Odor:** (none) sulphur organic other **Solids:** (Trace) Small Qu Med Qu Large Qu Particulate Silt Sand

## Purge Form

Project Name: Honeywell Synertek - Santa Clara, CA
Sampling Event: 1st SA 2013 & EDR
Job number: 469196.HW.60.61.20
Date: 04.30.13
Field Team: OC/JM
Field Conditions: Sunny/No Wind/mid 60s.
Page: 1 of 1

Well/Sample Number: MW-29A_04302013
(e.g., MW-XXA/B_MMDDYYYY)
QC Sample ID: —o—
QC Sample Time: —o—

Purge Start Time: 0836
Purge Method: Peristaltic Pump
Dedicated Pump: N
Flow Cell: (Y)/ N
Purge Volume (gal): 1.2
Purge Rate (mL/min): 150

| Water Level | Time | Vol. Purged gal / L | pH | Cond mS/cm | Turbidity NTU | DO mg/L | Temp C | Eh/ORP mV | Comments (See description below) |
|---|---|---|---|---|---|---|---|---|---|
| 7.82 | 0840 | 0.2 | 6.64 | 1.563 | NM | 2.06 | 19.57 | -28.7 | |
| 7.82 | 0843 | 0.3 | 6.74 | 1.582 | | 1.17 | 19.59 | -48.2 | |
| 7.83 | 0846 | 0.4 | 6.78 | 1.585 | | 0.71 | 19.62 | -49.9 | |
| 7.84 | 0849 | 0.5 | 6.81 | 1.594 | | 0.56 | 19.58 | -63.9 | |
| 7.84 | 0852 | 0.6 | 6.82 | 1.598 | | 0.47 | 19.59 | -79.5 | |
| 7.84 | 0855 | 0.7 | 6.83 | 1.597 | | 0.41 | 19.66 | -83.8 | |
| 7.84 | 0858 | 0.8 | 6.85 | 1.601 | | 0.47 | 19.62 | -87.4 | |
| 7.84 | 0901 | 0.9 | 6.85 | 1.600 | | 0.53 | 19.60 | -90.4 | |
| 7.84 | 0904 | 1.0 | 6.85 | 1.601 | | 0.51 | 19.55 | -82.8 | |
| Parameter Stabilization Criteria | | | +/- 0.1 pH units | +/- 3% | +/- 10% NTU units when >10 NTU | +/- 0.3 mg/L | NA | +/- 10 mV | |
| Did parameters stabilize prior to sampling? | | | Y | Y | | Y | Y | Y | |
| Previous field measurement | | | 8.24 | 1.70 | 0.0 | 0.37 | 20.05 | -110 | May 2012 (WL = 7.27') |
| Are measurements consistent with previous? | | | | | | | | | |

Sample Time: 0905
Sample Location: MW-29A
Pump tubing (Y)/ N
Fe (mg/L): —o—
Mn (mg/L): —o—

Comments: PID Bkg/WH = 0.0/0.0 ppm

Initial Depth to Water (ft BTOC): OC ~~8.79~~ 7.79
Measure Point: (Well TOC) Steel Casing
WL meter Serial #: C-102624

Color: (clear) grey yelow brown black cloudy green
Odor: (none) sulphur organic other
Solids: (Trace) Small Qu Med Qu Large Qu Particulate Silt Sand

## Purge Form

Project Name **Honeywell Synertek - Santa Clara, CA** Sampling Event **1st SA 2013 & EDR**

Job number 469196.HW.60.61.20 Date 04.29.13

Field Team OC/JM Field Conditions Sunny/E/90F Page 1 of 1

**Well/Sample Number** MW-01A_04292013 (e.g., MW-XXA/B_MMDDYYYY) **QC Sample ID** —o— **QC Sample Time** —o—

Purge Start Time 1400 Purge Method **Peristaltic Pump** Dedicated Pump **N**

Flow Cell (Y) / N Purge Volume (gal) 1.0 Purge Rate (mL/min) 150

| Water Level | Time | Vol. Purged gal / L | pH | Cond mS/cm | Turbidity NTU | DO mg/L | Temp C | Eh/ORP mV | Comments (See description below) |
|---|---|---|---|---|---|---|---|---|---|
| 9.26 | 1403 | 0.2 | 6.85 | 1.368 | NM | 2.92 | 20.22 | 67.3 | |
| 9.26 | 1406 | 0.3 | 6.90 | 1.384 | | 1.74 | 20.20 | 43.1 | |
| 9.26 | 1409 | 0.4 | 6.90 | 1.393 | | 1.28 | 20.11 | 28.3 | |
| 9.26 | 1412 | 0.5 | 6.91 | 1.392 | | 1.07 | 20.15 | 22.1 | |
| 9.26 | 1415 | 0.6 | 6.91 | 1.395 | | 0.95 | 20.00 | 17.3 | |
| 9.26 | 1418 | 0.7 | 6.91 | 1.394 | | 0.89 | 20.11 | 13.2 | |
| 9.26 | 1421 | 0.8 | 6.91 | 1.396 | | 0.88 | 20.03 | 9.3 | |
| 9.26 | 1424 | 0.9 | 6.92 | 1.396 | | 0.87 | 20.11 | 5.8 | |
| **Parameter Stabilization Criteria** | | | +/- 0.1 pH units | +/- 3% | +/- 10% NTU units when >10 NTU | +/- 0.3 mg/L | NA | +/- 10 mV | |
| **Did parameters stabilize prior to sampling?** | | | Y | Y | | Y | | Y | |
| Previous field measurement | | | | | | | | | |
| **Are measurements consistent with previous?** | | | | | | | | | |

Sample Time 1425 Sample Location **MW-01A** Pump tubing (Y) / N Fe (mg/L) —o— Mn (mg/L) —o—

Comments PID Bkg/WH = 0.0/0.0 ppm

Initial Depth to Water (ft BTOC) 9.26 Measure Point (Well TOC) **Steel Casing** WL meter Serial # C-102624

**Color:** clear grey yelow brown black cloudy green

**Odor:** none sulphor organic other

**Solids:** Trace Small Qu Med Qu Large Qu Particulate Silt Sand

## Purge Form

Project Name **Honeywell Synertek - Santa Clara, CA** Sampling Event **1st SA 2013 & EDR**

Job number 469196.HW.60.61.20 Date 04.29.13

Field Team OC/JM Field Conditions Sunny/E/91°F Page 1 of 1

**Well/Sample Number** MW-12B_04292013 (e.g., MW-XXA/B_MMDDYYYY) **QC Sample ID** —•— **QC Sample Time** —•—

Purge Start Time 1334 Purge Method **Peristaltic Pump** Dedicated Pump **N**

Flow Cell (Y)/ N Purge Volume (gal) 0.8 Purge Rate (mL/min) 150

| Water Level | Time | Vol. Purged gal / L | pH | Cond mS/cm | Turbidity NTU | DO mg/L | Temp C | Eh/ORP mV | Comments (See description below) |
|---|---|---|---|---|---|---|---|---|---|
| 5.47 | 1338 | 0.2 | 7.09 | 1.053 | NM | 1.38 | 20.40 | 20.1 | |
| 5.49 | 1341 | 0.3 | 7.05 | 1.029 | | 0.74 | 20.14 | 19.8 | |
| 5.49 | 1344 | 0.4 | 7.04 | 1.021 | | 0.58 | 20.13 | 17.3 | |
| 5.49 | 1347 | 0.5 | 7.04 | 1.017 | | 0.46 | 20.08 | 13.6 | |
| 5.49 | 1350 | 0.6 | 7.05 | 1.016 | | 0.38 | 20.13 | 11.9 | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

| Parameter Stabilization Criteria | +/- 0.1 pH units | +/- 3% | +/- 10% NTU units when >10 NTU | +/- 0.3 mg/L | NA | +/- 10 mV | |
|---|---|---|---|---|---|---|---|
| Did parameters stabilize prior to sampling? | Y | Y | | Y | Y | Y | |
| Previous field measurement | 8.47 | 1.11 | 0.0 | 0.28 | 19.95 | 136 | May 2012 (WL = 4.69') |
| Are measurements consistent with previous? | | | | | | | |

Sample Time 1352 Sample Location **MW-12B** Pump tubing (Y)/ N Fe (mg/L) —•— Mn (mg/L) —•—

Comments PID Bkg/WH = 0.0/0.0 ppm

Initial Depth to Water (ft BTOC) 5.45 Measure Point (Well TOC) **Steel Casing** WL meter Serial # C-102624

**Color:** clear grey (yellow) brown black cloudy green

**Odor:** (none) sulphur organic other

**Solids:** (Trace) Small Qu Med Qu Large Qu Particulate Silt Sand

## Purge Form

Project Name **Honeywell Synertek - Santa Clara, CA** Sampling Event **1st SA 2013 & EDR**

Job number 469196.HW.60.61.20 Date 04.29.13

Field Team OC/JM Field Conditions Sunny/No Wind/90F Page 1 of 1

**Well/Sample Number** MW-12A_04292013 (e.g., MW-XXA/B_MMDDYYYY) **QC Sample ID** —o— **QC Sample Time** —o—

Purge Start Time 1312 Purge Method **Peristaltic Pump** Dedicated Pump **N**

Flow Cell (Y) / N Purge Volume (gal) 0.8 Purge Rate (mL/min) 150

| Water Level | Time | Vol. Purged gal / L | pH | Cond mS/cm | Turbidity NTU | DO mg/L | Temp C | Eh/ORP mV | Comments (See description below) |
|---|---|---|---|---|---|---|---|---|---|
| 5.34 | 1316 | 0.2 | 7.01 | 1.770 | NM | 1.19 | 21.11 | -43.2 | |
| 5.34 | 1319 | 0.3 | 6.85 | 1.760 | | 0.62 | 20.76 | -47.9 | |
| 5.35 | 1322 | 0.4 | 6.86 | 1.763 | | 0.17 | 20.61 | -40.3 | |
| 5.35 | 1325 | 0.5 | 6.87 | 1.759 | | 0.09 | 20.66 | -46.1 | |
| 5.36 | 1328 | 0.6 | 6.87 | 1.761 | | 0.10 | 20.70 | -47.0 | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

| Parameter Stabilization Criteria | +/- 0.1 pH units | +/- 3% | +/- 10% NTU units when >10 NTU | +/- 0.3 mg/L | NA | +/- 10 mV | |
|---|---|---|---|---|---|---|---|
| **Did parameters stabilize prior to sampling?** | Y | Y | | Y | Y | Y | |
| Previous field measurement | | | | | | | |
| **Are measurements consistent with previous?** | | | | | | | |

Sample Time 1330 Sample Location **MW-12A** Pump tubing (Y) / N Fe (mg/L) —o— Mn (mg/L) —o—

Comments PID Bkg/WH = 0.0/0.0 ppm

Initial Depth to Water (ft BTOC) 5.28 Measure Point (Well TOC) **Steel Casing** WL meter Serial # C-102624

**Color:** (clear) grey yelow brown black cloudy green

**Odor** (none) sulphur organic other

No solids.

**Solids:** Trace Small Qu Med Qu Large Qu Particulate Silt Sand

## Purge Form

Project Name **Honeywell Synertek - Santa Clara, CA** Sampling Event **1st SA 2013 & EDR**

Job number 469196.HW.60.61.20 Date 04.29.13

Field Team CC/JM Field Conditions Sunny/No wind/90F Page 1 of 1

**Well/Sample Number** MW-04B_042913 (e.g., MW-XXA/B_MMDDYYYY) **QC Sample ID** —o— **QC Sample Time** —o—

Purge Start Time 1130 Purge Method **Peristaltic Pump** Dedicated Pump **N**

Flow Cell (Y)/ N Purge Volume (gal) 1.0 Purge Rate (mL/min) 150

| Water Level | Time | Vol. Purged gal / L | pH | Cond mS/cm | Turbidity NTU | DO mg/L | Temp C | Eh/ORP mV | Comments (See description below) |
|---|---|---|---|---|---|---|---|---|---|
| 1.57 | 1134 | 0.2 | 7.02 | 0.986 | NM | 1.13 | 21.35 | -95.8 | |
| 1.57 | 1137 | 0.3 | 6.98 | 0.982 | | 0.81 | 21.17 | -86.4 | |
| 1.73 | 1140 | 0.4 | 7.01 | 0.979 | | 0.68 | 21.18 | -82.7 | |
| 1.77 | 1143 | 0.5 | 7.03 | 0.977 | | 0.53 | 21.21 | -77.0 | |
| 1.80 | 1146 | 0.6 | 7.04 | 0.974 | | 0.40 | 21.24 | -61.4 | |
| 1.83 | 1149 | 0.7 | 7.04 | 0.973 | | 0.34 | 21.30 | -51.1 | |
| 1.85 | 1152 | 0.8 | 7.04 | 0.971 | | 0.33 | 21.43 | -48.3 | |
| 1.90 | 1155 | 0.9 | 7.04 | 0.970 | | 0.29 | 21.46 | -51.8 | |
| **Parameter Stabilization Criteria** | | | +/- 0.1 pH units | +/- 3% | +/- 10% NTU units when >10 NTU | +/- 0.3 mg/L | NA | +/- 10 mV | |
| **Did parameters stabilize prior to sampling?** | | | | | | | | | |
| Previous field measurement | | | 8.54 | 1.07 | 0.0 | 0.34 | 20.71 | -99 | May 2012: Fe = 0.11 mg/L; Mn = 0.10 mg/L; WL = 0.67') |
| **Are measurements consistent with previous?** | | | | | | | | | |

Sample Time 1200 Sample Location **MW-04B** Pump tubing (Y)/ N Fe (mg/L) 0.95 Mn (mg/L) 0.3

Comments PID Bkg/WH = 0.0/0.0 ppm

Initial Depth to Water (ft BTOC) 1.43 Measure Point **Well TOC** **Steel Casing** WL meter Serial # C-102624

**Color:** (clear) grey yelow brown black cloudy green

**Odor:** (none) sulphur organic other

**Solids:** (Trace) Small Qu Med Qu Large Qu Particulate Silt Sand

## Purge Form

Project Name **Honeywell Synertek - Santa Clara, CA** Sampling Event **1st SA 2013 & EDR**

Job number 469196.HW.60.61.20 Date 04.29.13

Field Team OC/JM Field Conditions Sunny/No Wind/83°F Page 1 of 1

**Well/Sample Number** MW-25B_04292013 (e.g., MW-XXA/B_MMDDYYYY) **QC Sample ID** — o — **QC Sample Time** —•—

Purge Start Time 1057 Purge Method **Peristaltic Pump** Dedicated Pump **N**

Flow Cell (Y)/ N Purge Volume (gal) 0.8 Purge Rate (mL/min) 150

| Water Level | Time | Vol. Purged gal / L | pH | Cond mS/cm | Turbidity NTU | DO mg/L | Temp C | Eh/ORP mV | Comments (See description below) |
|---|---|---|---|---|---|---|---|---|---|
| 6.55 | 1100 | 0.2 | 7.42 | 0.834 | NM | 3.64 | 20.49 | 65.1 | |
| 6.56 | 1103 | 0.3 | 7.21 | 0.880 | | 1.39 | 20.81 | 30.6 | |
| QC ~~6.58~~ 6.58 | 1106 | 0.4 | 7.18 | 0.945 | | 0.87 | 21.13 | 8.4 | |
| 6.59 | 1109 | 0.5 | 7.18 | 0.953 | | 0.56 | 21.00 | 1.9 | |
| 6.60 | 1112 | 0.6 | 7.19 | 0.954 | | 0.48 | 20.96 | -1.3 | |
| 6.60 | 1115 | 0.7 | 7.19 | 0.956 | | 0.44 | 20.99 | -2.9 | |
| | | | | | | | | | |
| | | | | | | | | | |

| Parameter Stabilization Criteria | +/- 0.1 pH units | +/- 3% | +/- 10% NTU units when >10 NTU | +/- 0.3 mg/L | NA | +/- 10 mV | |
|---|---|---|---|---|---|---|---|
| Did parameters stabilize prior to sampling? | | | | | | | |
| Previous field measurement | | | | | | | |
| Are measurements consistent with previous? | | | | | | | |

Sample Time 1120 Sample Location **MW-25B** Pump tubing (Y)/ N Fe (mg/L) —o— Mn (mg/L) —o—

Comments PID Bkg/WH = 0.0/0.0 ppm

Initial Depth to Water (ft BTOC) 6.52 Measure Point (Well TOC) **Steel Casing** WL meter Serial # C-102624

**Color:** (clear) grey yelow brown black cloudy green

**Odor:** (none) sulphur organic other

**Solids:** (Trace) Small Qu Med Qu Large Qu Particulate Silt Sand

## Purge Form

Project Name **Honeywell Synertek - Santa Clara, CA** Sampling Event **1st SA 2013 & EDR**

Job number 469196.HW.60.61.20 Date 04.29.13

Field Team OC/JM Field Conditions Sunny/No wind/82°F Page 1 of 1

**Well/Sample Number** MW-25A_04292013 (e.g., MW-XXA/B_MMDDYYYY) **QC Sample ID** —o— MW-25A04292013MS MW-25A_04292013SD **QC Sample Time** 1050

Purge Start Time 1030 Purge Method **Peristaltic Pump** Dedicated Pump **N**

Flow Cell (Y)/ N Purge Volume (gal) 0.8 Purge Rate (mL/min) 150

| Water Level | Time | Vol. Purged gal / L | pH | Cond mS/cm | Turbidity NTU | DO mg/L | Temp C | Eh/ORP mV | Comments (See description below) |
|---|---|---|---|---|---|---|---|---|---|
| 9.65 | 1034 | 0.2 | 6.73 | 1.594 | NM | 2.04 | 20.74 | 92.1 | |
| 9.65 | 1037 | 0.3 | 6.73 | 1.611 | | 1.26 | 20.75 | 84.3 | |
| 9.66 | 1040 | 0.4 | 6.78 | 1.621 | | 0.71 | 20.71 | 73.5 | |
| 9.66 | 1043 | 0.5 | 6.81 | 1.621 | | 0.35 | 20.70 | 64.9 | |
| 9.66 | 1046 | 0.6 | 6.82 | 1.622 | | 0.30 | 20.71 | 62.3 | |
| | 1049 | 0.7 | 6.83 | 1.621 | | 0.44 | 20.79 | 59.6 | |
| | | | | | | | | | |
| | | | | | | | | | |

| Parameter Stabilization Criteria | +/- 0.1 pH units | +/- 3% | +/- 10% NTU units when >10 NTU | +/- 0.3 mg/L | NA | +/- 10 mV | |
|---|---|---|---|---|---|---|---|
| Did parameters stabilize prior to sampling? | | | | | | | |
| Previous field measurement | | | | | | | |
| Are measurements consistent with previous? | | | | | | | |

Sample Time 1050 Sample Location **MW-25A** Pump tubing (Y)/ N Fe (mg/L) —o— Mn (mg/L) —o—

Comments PID BKg/WH = 0.0/0.0 ppm

Initial Depth to Water (ft BTOC) 9.63 Measure Point (Well TOC) **Steel Casing** WL meter Serial # C-102624

**Color:** (clear) grey yelow brown black cloudy green

**Odor:** (none) sulphur organic other **Solids** (Trace) Small Qu Med Qu Large Qu Particulate Silt Sand

## Purge Form

Project Name **Honeywell Synertek - Santa Clara, CA** Sampling Event **1st SA 2013 & EDR**

Job number 469196.HW.60.61.20 Date 04.29.13

Field Team OC/JM Field Conditions Sunny/No wind/75F Page 1 of 1

**Well/Sample Number** MW-34A_04292013 (e.g., MW-XXA/B_MMDDYYYY) **QC Sample ID** —o— **QC Sample Time** —o—

Purge Start Time 0923 Purge Method **Peristaltic Pump** Dedicated Pump **N**

Flow Cell (Y) / N Purge Volume (gal) Purge Rate (mL/min) 150

| Water Level | Time | Vol. Purged gal / L | pH | Cond mS/cm | Turbidity NTU | DO mg/L | Temp C | Eh/ORP mV | Comments (See description below) |
|---|---|---|---|---|---|---|---|---|---|
| 8.46 | 0927 | 0.2 | 6.68 | 1.420 | NM | 3.98 | 19.86 | 138.4 | |
| 8.46 | 0930 | 0.3 | 6.72 | 1.434 | | 2.70 | 19.77 | 132.4 | |
| 8.46 | 0933 | 0.4 | 6.74 | 1.440 | | 1.74 | 19.70 | 128.5 | |
| 8.46 | 0936 | 0.5 | 6.74 | 1.449 | | 1.39 | 19.70 | 128.1 | |
| 8.46 | 0939 | 0.6 | 6.74 | 1.452 | | 1.08 | 19.69 | 126.4 | |
| 8.46 | 0942 | 0.7 | 6.74 | 1.453 | | 1.02 | 19.73 | 124.7 | |
| 8.46 | 0945 | 0.8 | 6.74 | 1.454 | | 0.91 | 19.75 | 121.1 | |
| 8.46 | 0948 | 0.9 | 6.74 | 1.454 | | 0.85 | 19.83 | 118.8 | |
| **Parameter Stabilization Criteria** | | | +/- 0.1 pH units | +/- 3% | +/- 10% NTU units when >10 NTU | +/- 0.3 mg/L | NA | +/- 10 mV | |
| **Did parameters stabilize prior to sampling?** | | | | | | | | | |
| Previous field measurement | | | 8.09 | 1.93 | 6.0 | 0.64 | 17.95 | 73 | May 2012 (WL = 8.24') |
| **Are measurements consistent with previous?** | | | | | | | | | |

Sample Time 0950 Sample Location MW-34A (MW-34A) Pump tubing (Y) / N Fe (mg/L) —o— Mn (mg/L) —o—

Comments PID ⟹ Bkg/WH = 0.1/0.1 ppm
T = 75°F

Initial Depth to Water (ft BTOC) 8.44 Measure Point (Well TOC) **Steel Casing** WL meter Serial # C-102624

**Color:** (clear) grey yelow brown black cloudy green

**Odor:** (none) sulphur organic other

**Solids:** No Solids Trace Small Qu Med Qu Large Qu Particulate Silt Sand

## Purge Form

Project Name **Honeywell Synertek - Santa Clara, CA** Sampling Event **1st SA 2013 & EDR**

Job number 469196.HW.60.61.20 Date 04.29.13

Field Team ac/JM Field Conditions Sunny/No Wind/73F Page 1 of 2

**Well/Sample Number** MW-33A_04292013 (e.g., MW-XXA/B_MMDDYYYY) MW-33A_04292013 **QC Sample ID** MW-33A_04292013-FD MW-33A_04292013-FD **QC Sample Time** 0910

Purge Start Time 0833 Purge Method **Peristaltic Pump** Dedicated Pump **N**

Flow Cell (Y) / N Purge Volume (gal) 1.5 Purge Rate (mL/min) 150

| Water Level | Time | Vol. Purged gal / L | pH | Cond mS/cm | Turbidity NTU | DO mg/L | Temp C | Eh/ORP mV | Comments (See description below) |
|---|---|---|---|---|---|---|---|---|---|
| 08.53 | 0835 | 0.2 | 6.56 | 1.818 | NM | 4.43 | 17.97 | 231.7 | |
| 8.53 | 0838 | 0.3 | 6.63 | 1.822 | | 3.30 | 17.94 | 233.9 | |
| 8.54 | 0841 | 0.4 | 6.71 | 1.827 | | 2.25 | 17.94 | 228.3 | |
| 8.54 | 0844 | 0.5 | 6.75 | 1.827 | | 1.54 | 17.94 | 224.1 | |
| 8.54 | 0847 | 0.6 | 6.77 | 1.834 | | 1.29 | 17.89 | 207.3 | |
| 8.54 | 0850 | 0.7 | 6.77 | 1.832 | | 1.18 | 17.88 | 199.1 | |
| 8.54 | 0854 | 0.9 | 6.78 | 1.829 | | 1.01 | 17.89 | 187.1 | |
| 8.54 | 0858 | 1.0 | 6.78 | 1.828 | | 0.87 | 17.89 | 176.5 | |
| **Parameter Stabilization Criteria** | | | +/- 0.1 pH units | +/- 3% | +/- 10% NTU units when >10 NTU | +/- 0.3 mg/L | NA | +/- 10 mV | |
| **Did parameters stabilize prior to sampling?** | | | | | | | | | |
| Previous field measurement | | | | | | | | | |
| **Are measurements consistent with previous?** | | | | | | | | | |

Sample Time 0910 Sample Location **MW-33A** (MW-33A) Pump tubing (Y) / N Fe (mg/L) —0— Mn (mg/L) —0—

Comments PID => Bkg = 0.1 ppm / WH = 0.1 ppm
Outdoor T = 73°F

Initial Depth to Water (ft BTOC) 8.51 Measure Point (**Well TOC**) **Steel Casing** WL meter Serial # C-102624

**Color:** (clear) grey yelow brown black cloudy green

**Odor** (none) sulphur organic other

**Solids** (Trace) Small Qu Med Qu Large Qu Particulate Silt Sand

## Purge Form

Project Name **Honeywell Synertek - Santa Clara, CA** Sampling Event **1st SA 2013 & EDR**

Job number 469196.HW.60.61.20 Date 04.29.13

Field Team OC/JM Field Conditions Sunny/No wind/73F Page 2 of 2

**Well/Sample Number** MW-33A_04292013 (e.g., MW-XXA/B_MMDDYYYY) **QC Sample ID** MW-33A_04292013-FD **QC Sample Time** _____

Purge Start Time 0833 Purge Method **Peristaltic Pump** Dedicated Pump N

Flow Cell (Y)/ N Purge Volume (gal) 1.5 Purge Rate (mL/min) 150

| Water Level | Time | Vol. Purged gal / L | pH | Cond mS/cm | Turbidity NTU | DO mg/L | Temp C | Eh/ORP mV | Comments (See description below) |
|---|---|---|---|---|---|---|---|---|---|
| 8.54 | 0901 | 1.1 | 6.78 | 1.827 | NM | 0.82 | 17.87 | 166.1 | |
| 8.54 | 0904 | 1.2 | 6.79 | 1.826 | | 0.79 | 17.89 | 165.3 | |
| 8.54 | 0907 | 1.3 | 6.78 | 1.825 | | 0.76 | 17.89 | 160.6 | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

| Parameter Stabilization Criteria | +/- 0.1 pH units | +/- 3% | +/- 10% NTU units when >10 NTU | +/- 0.3 mg/L | NA | +/- 10 mV | |
|---|---|---|---|---|---|---|---|
| Did parameters stabilize prior to sampling? | Y | Y | —o— | Y | Y | Y | |
| Previous field measurement | | | | | | | |
| Are measurements consistent with previous? | | | | | | | |

Sample Time _____ Sample Location MW-33A Pump tubing (Y)/ N Fe (mg/L) —o— Mn (mg/L) —o—

Comments _____

Initial Depth to Water (ft BTOC) 8.51 Measure Point (Well TOC) **Steel Casing** WL meter Serial # C-102624

**Color** (clear) grey yelow brown black cloudy green

**Odor** (none) sulphur organic other

**Solids** (Trace) Small Qu Med Qu Large Qu Particulate Silt Sand

## Purge Form

Project Name **Honeywell Synertek - Santa Clara, CA** Sampling Event **2nd SA 2013 & EDR**

Job number 469196.HW.60.61.20 Date 10-30-13

Field Team JM/OC Field Conditions Sunny/high 50 Page 1 of 1

Well/Sample Number ~~09~~ OC MW-04B_10302013 (e.g., MW-XXA/B_MMDDYYYY) QC Sample ID — o — MW-04B_10302013MS MW-04B_10302013MSD QC Sample Time — o — @ 1015

Purge Start Time 0948 Purge Method **Peristaltic Pump** Dedicated Pump N

Flow Cell (Y) / N Purge Volume (gal) 0.9 Purge Rate (mL/min) 160

| Water Level | Time | Vol. Purged (gal) / L | pH | Cond mS/cm | Turbidity NTU | DO mg/L | Temp C | Eh/ORP mV | Comments (See description below) |
|---|---|---|---|---|---|---|---|---|---|
| 2.68 | 0953 | 0.2 | 7.25 | 1.018 | NM | 2.08 | 18.93 | -63.4 | |
| 2.72 | 0956 | 0.3 | 7.16 | 1.026 | | 1.10 | 19.70 | -73.7 | |
| 2.76 | 0959 | 0.4 | 7.04 | 1.034 | | 0.91 | 20.07 | -69.1 | |
| 2.81 | 1002 | 0.5 | 7.05 | 1.035 | | 0.89 | 20.15 | -66.2 | |
| 2.84 | 1005 | 0.6 | 7.02 | 1.036 | | 0.79 | 20.12 | -65.4 | |
| 2.89 | 1008 | 0.7 | 7.02 | 1.036 | | 0.72 | 20.30 | -64.3 | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

| Parameter Stabilization Criteria | +/- 0.1 pH units | +/- 3% | +/- 10% NTU units when >10 NTU | +/- 0.3 mg/L | NA | +/- 10 mV | |
|---|---|---|---|---|---|---|---|
| Did parameters stabilize prior to sampling? | Y | Y | | Y | Y | Y | |
| Previous field measurement | 7.04 | 0.970 | | 0.29 | 21.46 | -51.8 | [Fe] = 0.95 mg/l; [Mn] = 0.30 mg/l |
| Are measurements consistent with previous? | Y | Y | | Y | Y | Y | |

Sample Time 1015 Sample Location **MW-04B** Pump tubing (Y) / N Fe (mg/L) 1.0 Mn (mg/L) 0.2

Comments

Initial Depth to Water (ft BTOC) 2.51 Measure Point (Well TOC) **Steel Casing** WL meter Serial # C102186

Color (clear) grey yelow brown black cloudy green

Odor (none) sulphur organic other

**Solids:** (Trace) Small Qu Med Qu Large Qu Particulate Silt Sand

Purge Form

Project Name **Honeywell Synertek - Santa Clara, CA** Sampling Event **2nd SA 2013 & EDR**

Job number 469196.IIW.60.61.20 Date 10-30-2013

Field Team JM/OC Field Conditions Sunny/high 50s/Calm Page _____ of _____

Well/Sample Number MW-12B_10302013 (e.g., MW-XXA/B_MMDDYYYY) QC Sample ID —o— QC Sample Time —o—

Purge Start Time 1042 Purge Method **Peristaltic Pump** Dedicated Pump N

Flow Cell (Y) / N Purge Volume (gal) 0.9 Purge Rate (mL/min) 160

| Water Level | Time | Vol. Purged (gal) / L | pH | Cond mS/cm | Turbidity NTU | DO mg/L | Temp C | Eh/ORP mV | Comments (See description below) |
|---|---|---|---|---|---|---|---|---|---|
| 6.61 | 1045 | 0.2 | 7.33 | 1.049 | NM | 2.00 | 19.18 | -57.9 | |
| 6.61 | 1048 | 0.3 | 7.21 | 1.048 | | 1.30 | 19.23 | -54.9 | |
| 6.61 | 1051 | 0.4 | 7.14 | 1.049 | | 0.99 | 19.48 | -54.1 | |
| 6.61 | 1054 | 0.5 | 7.10 | 1.050 | | 0.35 | 19.70 | -59.5 | |
| 6.61 | 1057 | 0.6 | 7.03 | 1.053 | | 0.33 | 19.78 | -59.1 | |
| 6.61 | 1100 | 0.7 | 7.03 | 1.053 | | 0.28 | 19.80 | -57.4 | |
| | | | | | | | | | |
| | | | | | | | | | |

| Parameter Stabilization Criteria | +/- 0.1 pH units | +/- 3% | +/- 10% NTU units when >10 NTU | +/- 0.3 mg/L | NA | +/- 10 mV | |
|---|---|---|---|---|---|---|---|
| Did parameters stabilize prior to sampling? | Y | Y | | Y | Y | Y | |
| Previous field measurement | 7.05 | 1.016 | | 0.38 | 20.13 | 11.9 | |
| Are measurements consistent with previous? | Y | Y | | Y | Y | N | |

Sample Time 1105 Sample Location **MW-12B** Pump tubing (Y) N Fe (mg/L) —o— Mn (mg/L) —o—

Comments

Initial Depth to Water (ft BTOC) 6.61 Measure Point (Well TOC) **Steel Casing** WL meter Serial # C102186

**Color:** (clear) grey yelow brown black cloudy green

**Odor:** (none) sulphur organic other

**Solids:** (Trace) Small Qu Med Qu Large Qu Particulate Silt Sand

## Purge Form

Project Name **Honeywell Synertek - Santa Clara, CA** Sampling Event **2nd SA 2013 & EDR**

Job number 469196.HW.60.61.20 Date 10-30-13

Field Team JH/OC Field Conditions Sunny/low 60s/Calm Page _____ of _____

Well/Sample Number PW-4_10302013 (e.g., MW-XXA/B_MMDDYYYY) QC Sample ID —o— QC Sample Time —o—

Purge Start Time 1122 Purge Method **Peristaltic Pump** Dedicated Pump **N**

Flow Cell (Y) / N Purge Volume (gal) 0.9 Purge Rate (mL/min) _____

| Water Level | Time | Vol. Purged (gal) / L | pH | Cond mS/cm | Turbidity NTU | DO mg/L | Temp C | Eh/ORP mV | Comments (See description below) |
|---|---|---|---|---|---|---|---|---|---|
| 9.30 | 1125 | 0.2 | 7.93 | 1.446 | NM | 2.12 | 21.57 | -74.0 | |
| 9.32 | 1128 | 0.3 | 7.90 | 1.448 | | 1.04 | 21.62 | -79.5 | |
| 9.38 | 1131 | 0.4 | 7.83 | 1.457 | | 0.51 | 21.56 | -79.8 | |
| 9.45 | 1134 | 0.5 | 7.78 | 1.464 | | 0.37 | 21.61 | -87.9 | |
| 9.48 | 1137 | 0.6 | 7.77 | 1.465 | | 0.33 | 21.67 | -85.8 | |
| 9.48 | 1140 | 0.7 | 7.76 | 1.466 | | 0.34 | 21.70 | -81.3 | |
| | | | | | | | | | |
| | | | | | | | | | |

| Parameter Stabilization Criteria | +/- 0.1 pH units | +/- 3% | +/- 10% NTU units when >10 NTU | +/- 0.3 mg/L | NA | +/- 10 mV | |
|---|---|---|---|---|---|---|---|
| Did parameters stabilize prior to sampling? | Y | Y | | Y | Y | Y | |
| Previous field measurement | 8.01 | 1.307 | | 0.5 | 21.72 | -97.7 | |
| Are measurements consistent with previous? | Y | Y | | Y | Y | Y | |

Sample Time 1145 Sample Location **PW-4** Pump tubing (Y) / N Fe (mg/L) —o— Mn (mg/L) —o—

Comments _____

Initial Depth to Water (ft BTOC) 9.18 Measure Point (Well TOC) **Steel Casing** WL meter Serial # C102196

**Color:** (clear) grey yelow brown black cloudy green

**Odor:** (none) sulphur organic other

**Solids:** (Trace) Small Qu Med Qu Large Qu Particulate Silt Sand

## Purge Form

Project Name **Honeywell Synertek - Santa Clara, CA** Sampling Event **2nd SA 2013 & EDR**

Job number 469196.HW.60.61.20 Date 10-29-13

Field Team JM/OC Field Conditions Cloudy/mid 50s/Calm Page 1 of 1

Well/Sample Number MW-07A_10292013 (e.g., MW-XXA/B_MMDDYYYY) QC Sample ID MW-07A_10292013-FD QC Sample Time 1030

Purge Start Time 0954 Purge Method **Peristaltic Pump** Dedicated Pump N

Flow Cell (Y) / N Purge Volume (gal) 1.0 Purge Rate (mL/min) 150

| Water Level | Time | Vol. Purged gal /(L) | pH | Cond mS/cm | Turbidity NTU | DO mg/L | Temp C | Eh/ORP mV | Comments (See description below) |
|---|---|---|---|---|---|---|---|---|---|
| 8.33 | 0958 | 0.2 | 6.77 | 1.701 | NM | 1.53 | 20.34 | 25.1 | |
| 8.33 | 1001 | 0.3 | 6.73 | 1.718 | | 0.90 | 20.62 | 3.6 | |
| 8.33 | 1004 | 0.4 | 6.70 | 1.735 | | 0.53 | 20.78 | -7.9 | |
| 8.33 | 1007 | 0.5 | 6.68 | 1.736 | | 0.49 | 20.93 | -14.8 | |
| 8.33 | 1010 | 0.6 | 6.66 | 1.739 | | 0.36 | 21.03 | -21.1 | |
| 8.33 | 1013 | 0.7 | 6.65 | 1.733 | | 0.29 | 21.09 | -21.7 | |
| 8.33 | 1016 | 0.8 | 6.64 | 1.723 | | 0.21 | 21.15 | -25.3 | |
| | | | | | | | | | |

| Parameter Stabilization Criteria | +/- 0.1 pH units | +/- 3% | +/- 10% NTU units when >10 NTU | +/- 0.3 mg/L | NA | +/- 10 mV | |
|---|---|---|---|---|---|---|---|
| Did parameters stabilize prior to sampling? | Y | Y | | Y | | Y | |
| Previous field measurement | 6.57 | 1.502 | | 0.18 | 20.28 | -84.8 | [Fe] = 2.5 mg/l; [Mn] = 0.2 mg/l |
| Are measurements consistent with previous? | Y | Y | | Y | Y | Y | |

Sample Time 1020 Sample Location **MW-07A** Pump tubing (Y) / N Fe (mg/L) 2.0 Mn (mg/L) 0.2

Comments

Initial Depth to Water (ft BTOC) 8.33 Measure Point (Well TOC) **Steel Casing** WL meter Serial # C102186

Color (clear) grey yelow brown black cloudy green

Odor (none) sulphur organic other

**Solids:** (Trace) Small Qu Med Qu Large Qu Particulate Silt Sand

## Purge Form

Project Name: Honeywell Synertek - Santa Clara, CA
Sampling Event: 2nd SA 2013 & EDR
Job number: 469196.HW.60.61.20
Date: 10.29.13
Field Team: JM/OC
Field Conditions: Cloudy/high 50s/Calm
Page: 1 of 1

Well/Sample Number: MW-37A_10292013
(e.g., MW-XXA/B_MMDDYYYY)
QC Sample ID: —o—
QC Sample Time: —o—

Purge Start Time: 1109
Purge Method: Peristaltic Pump
Dedicated Pump: N
Flow Cell: (Y)/ N
Purge Volume (gal): 0.8
Purge Rate (mL/min): 150

| Water Level | Time | Vol. Purged gal /(L) | pH | Cond mS/cm | Turbidity NTU | DO mg/L | Temp C | Eh/ORP mV | Comments (See description below) |
|---|---|---|---|---|---|---|---|---|---|
| 9.46 | 1113 | 0.2 | 6.81 | 1.845 | NM | 1.85 | 19.80 | -49.9 | |
| 9.51 | 1116 | 0.3 | 6.72 | 1.845 | | 0.92 | 19.98 | -61.1 | |
| 9.53 | 1119 | 0.4 | 6.69 | 1.846 | | 0.61 | 20.06 | -62.8 | |
| 9.53 | 1122 | 0.5 | 6.67 | 1.847 | | 0.55 | 20.05 | -64.2 | |
| 9.55 | 1125 | 0.6 | 6.66 | 1.844 | | 0.46 | 20.11 | -64.7 | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

| Parameter Stabilization Criteria | +/- 0.1 pH units | +/- 3% | +/- 10% NTU units when >10 NTU | +/- 0.3 mg/L | NA | +/- 10 mV | |
|---|---|---|---|---|---|---|---|
| Did parameters stabilize prior to sampling? | Y | Y | | Y | Y | Y | |
| Previous field measurement | 6.49 | 2.045 | | 0.49 | 19.63 | -126.5 | [Fe] = 1.2 mg/l; [Mn] = 0.3 mg/l |
| Are measurements consistent with previous? | Y | Y | | Y | Y | Y | |

Sample Time: 1130
Sample Location: MW-37A
Pump tubing (Y)/ N
Fe (mg/L): 1.0
Mn (mg/L): 0.2

Comments:

Initial Depth to Water (ft BTOC): 9.33
Measure Point: (Well TOC) Steel Casing
WL meter Serial #: C102186

Color: (clear) grey yelow brown black cloudy green
Odor: (none) sulphur organic other
Solids: (Trace) Small Qu Med Qu Large Qu Particulate Silt Sand

## Purge Form

Project Name **Honeywell Synertek - Santa Clara, CA** Sampling Event **2nd SA 2013 & EDR**

Job number 469196.HW.60.61.20 Date 10-29-13

Field Team JM/OC Field Conditions Sunny/low 60s/Calm Page 1 of 1

Well/Sample Number MW-36A_10292013 (e.g., MW-XXA/B_MMDDYYYY) QC Sample ID —o— QC Sample Time —o—

Purge Start Time 1257 Purge Method **Peristaltic Pump** Dedicated Pump N

Flow Cell (Y)/ N Purge Volume (gal) 0.8 Purge Rate (mL/min) 150

| Water Level | Time | Vol. Purged (gal)/ L | pH | Cond mS/cm | Turbidity NTU | DO mg/L | Temp C | Eh/ORP mV | Comments (See description below) |
|---|---|---|---|---|---|---|---|---|---|
| 8.98 | 1300 | 0.2 | 6.88 | 1.810 | NM | 1.54 | 21.42 | -49.2 | |
| 8.98 | 1303 | 0.3 | 6.89 | 1.809 | | 1.21 | 21.44 | -55.6 | |
| 8.99 | 1306 | 0.4 | 6.89 | 1.808 | | 0.94 | 21.45 | -58.7 | |
| 8.99 | 1309 | 0.5 | 6.89 | 1.809 | | 0.77 | 21.46 | -59.6 | |
| 8.99 | 1312 | 0.6 | 6.88 | 1.809 | | 0.65 | 21.51 | -61.2 | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

| Parameter Stabilization Criteria | +/- 0.1 pH units | +/- 3% | +/- 10% NTU units when >10 NTU | +/- 0.3 mg/L | NA | +/- 10 mV |
|---|---|---|---|---|---|---|
| Did parameters stabilize prior to sampling? | Y | Y | | Y | Y | Y |
| Previous field measurement | 6.83 | 1.711 | | 0.69 | 20.26 | 12.7 |
| Are measurements consistent with previous? | Y | Y | | Y | Y | N |

Sample Time 1315 Sample Location **MW-36A** Pump tubing (Y)/ N Fe (mg/L) —o— Mn (mg/L) —o—

Comments

Initial Depth to Water (ft BTOC) 8.93 Measure Point (Well TOC) Steel Casing WL meter Serial # C102186

Color: (clear) grey yelow brown black cloudy green

Odor: (none) sulphur organic other

Solids: Trace (Small Qu) Med Qu Large Qu Particulate Silt Sand

## Purge Form

Project Name **Honeywell Synertek - Santa Clara, CA** Sampling Event **2nd SA 2013 & EDR**

Job number 469196.HW.60.61.20 Date 10-29-13

Field Team JM/OC Field Conditions Cloudy/mid 60s/Calm Page 1 of 1

Well/Sample Number MW-35A_10292013 (e.g., MW-XXA/B_MMDDYYYY) QC Sample ID —o— QC Sample Time —o—

Purge Start Time 1324 Purge Method **Peristaltic Pump** Dedicated Pump N

Flow Cell (Y)/ N Purge Volume (gal) 0.8 Purge Rate (mL/min) 160

| Water Level | Time | Vol. Purged (gal)/ L | pH | Cond mS/cm | Turbidity NTU | DO mg/L | Temp C | Eh/ORP mV | Comments (See description below) |
|---|---|---|---|---|---|---|---|---|---|
| 9.41 | 1327 | 0.2 | 6.90 | 1.749 | NM | 0.91 | 21.34 | -39.8 | |
| 9.41 | 1330 | 0.3 | 6.87 | 1.750 | | 0.88 | 21.26 | -45.2 | |
| 9.41 | 1333 | 0.4 | 6.84 | 1.752 | | 0.57 | 21.20 | -46.1 | |
| 9.41 | 1336 | 0.5 | 6.84 | 1.753 | | 0.61 | 21.24 | -42.7 | |
| 9.41 | 1339 | 0.6 | 6.83 | 1.757 | | 0.63 | 21.26 | -40.9 | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| **Parameter Stabilization Criteria** | | | +/- 0.1 pH units | +/- 3% | +/- 10% NTU units when >10 NTU | +/- 0.3 mg/L | NA | +/- 10 mV | |
| Did parameters stabilize prior to sampling? | | | | | | | | | |
| Previous field measurement | | | 6.84 | 1.638 | | 0.21 | 18.94 | -69.9 | |
| Are measurements consistent with previous? | | | | | | | | | |

Sample Time 1340 Sample Location **MW-35A** Pump tubing (Y)/ N Fe (mg/L) —o— Mn (mg/L) —o—

Comments

Initial Depth to Water (ft BTOC) 9.40 Measure Point (Well TOC) Steel Casing WL meter Serial # C102186

Color: (Clear) grey yelow brown black cloudy green

Odor: (none) sulphur organic other

Solids (Trace) Small Qu Med Qu Large Qu Particulate Silt Sand

## Purge Form

Project Name **Honeywell Synertek - Santa Clara, CA** Sampling Event **2nd SA 2013 & EDR**

Job number 469196.ITW.60.61.20 Date 10-29-13

Field Team JM/OC Field Conditions Cloudy/mid 60s/Calm Page 1 of 1

Well/Sample Number OC PW-5_10292013 QC Sample ID — o — QC Sample Time — o —

(e.g., MW-XXA/B_MMDDYYYY)

Purge Start Time 1350 Purge Method **Peristaltic Pump** Dedicated Pump **N**

Flow Cell (Y) / N Purge Volume (gal) 0.8 Purge Rate (mL/min) 160

| Water Level | Time | Vol. Purged (gal)/ L | pH | Cond mS/cm | Turbidity NTU | DO mg/L | Temp C | Eh/ORP mV | Comments (See description below) |
|---|---|---|---|---|---|---|---|---|---|
| 7.39 | 1354 | 0.2 | 8.20 | 1.318 | NM | 1.84 | 20.47 | -47.7 | |
| 7.40 | 1357 | 0.3 | 8.19 | 1.317 | | 1.10 | 20.52 | -44.8 | |
| 7.40 | 1400 | 0.4 | 8.17 | 1.316 | | 0.80 | 20.56 | -42.2 | |
| 7.40 | 1403 | 0.5 | 8.19 | 1.314 | | 0.51 | 20.56 | -49.3 | |
| 7.40 | 1407 | 0.6 | 8.20 | 1.312 | | 0.48 | 20.53 | -48.2 | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

| Parameter Stabilization Criteria | +/- 0.1 pH units | +/- 3% | +/- 10% NTU units when >10 NTU | +/- 0.3 mg/L | NA | +/- 10 mV |
|---|---|---|---|---|---|---|
| Did parameters stabilize prior to sampling? | Y | Y | | Y | | Y |
| Previous field measurement | 8.00 | 1.348 | | 0.8 | 19.62 | -17.1 |
| Are measurements consistent with previous? | Y | Y | | Y | | Y |

Sample Time 1410 Sample Location **PW-5** Pump tubing (Y) / N Fe (mg/L) — o — Mn (mg/L) — o —

Comments

Initial Depth to Water (ft BTOC) 7.36 Measure Point (Well TOC) **Steel Casing** WL meter Serial # C102186

Color: (clear) grey yelow brown black cloudy green

Odor: (none) sulphur organic other

**Solids:** (Trace) Small Qu Med Qu Large Qu Particulate Silt Sand

# Appendix B
# Summary of Historical Groundwater Elevation Data (1983–2000)

**Appendix B**
**Historical Groundwater Elevation Data (1983 to 2000)**
**Honeywell Inc./ Synertek Building # 1**
**3050 Coronado Drive**
**Santa Clara, California**

| WELL ID | Aquifer | MEASUREMENT_DATE | TOC ELEVATION[2] (feet) | DEPTH TO WATER (feet) | WATER ELEVATION CHANGES[1] (feet) | WATER ELEVATION[2] (feet) |
|---|---|---|---|---|---|---|
| MW-01A | A | 2/7/1983 | 36.82 | 7.29 | NA | 29.53 |
| | | 2/11/1983 | | 7.43 | -0.14 | 29.39 |
| | | 9/30/1983 | | 9 | -1.57 | 27.82 |
| | | 6/30/1984 | | 8.68 | 0.32 | 28.14 |
| | | 9/14/1984 | | 8.5 | 0.18 | 28.32 |
| | | 9/24/1984 | | 8.67 | -0.17 | 28.15 |
| | | 10/3/1984 | | 8.83 | -0.16 | 27.99 |
| | | 10/9/1984 | | 8.83 | 0 | 27.99 |
| | | 12/7/1984 | | 9.5 | -0.67 | 27.32 |
| | | 12/19/1984 | | 9.65 | -0.15 | 27.17 |
| | | 12/28/1984 | | 9.85 | -0.2 | 26.97 |
| | | 1/9/1985 | | 9.85 | 0 | 26.97 |
| | | 1/24/1985 | | 10.06 | -0.21 | 26.76 |
| | | 2/8/1985 | | 10.08 | -0.02 | 26.74 |
| | | 3/28/1985 | | 10.11 | -0.03 | 26.71 |
| | | 5/15/1985 | | 9.58 | 0.53 | 27.24 |
| | | 5/30/1985 | | 9.65 | -0.07 | 27.17 |
| | | 6/6/1985 | | 9.54 | 0.11 | 27.28 |
| | | 6/13/1985 | | 9.46 | 0.08 | 27.36 |
| | | 6/20/1985 | | 9.3 | 0.16 | 27.52 |
| | | 6/27/1985 | | 9.17 | 0.13 | 27.65 |
| | | 7/4/1985 | | 9.07 | 0.1 | 27.75 |
| | | 7/11/1985 | | 9.07 | 0 | 27.75 |
| | | 7/18/1985 | | 9.02 | 0.05 | 27.8 |
| | | 7/25/1985 | | 8.97 | 0.05 | 27.85 |
| | | 7/31/1985 | | 8.96 | 0.01 | 27.86 |
| | | 8/8/1985 | | 8.99 | -0.03 | 27.83 |
| | | 8/15/1985 | | 9 | -0.01 | 27.82 |
| | | 8/22/1985 | | 9.01 | -0.01 | 27.81 |
| | | 8/29/1985 | | 9 | 0.01 | 27.82 |
| | | 9/4/1985 | | 9.12 | -0.12 | 27.7 |
| | | 9/11/1985 | | 9.16 | -0.04 | 27.66 |
| | | 9/18/1985 | | 9.23 | -0.07 | 27.59 |
| | | 9/25/1985 | | 9.32 | -0.09 | 27.5 |
| | | 12/30/1985 | | 9.95 | -0.63 | 26.87 |
| | | 1/7/1986 | | 10.15 | -0.2 | 26.67 |
| | | 1/21/1986 | | 10.46 | -0.31 | 26.36 |
| | | 1/28/1986 | | 10.62 | -0.16 | 26.2 |
| | | 2/4/1986 | | 10.05 | 0.57 | 26.77 |
| | | 2/11/1986 | | 10.27 | -0.22 | 26.55 |
| | | 2/19/1986 | | 7.71 | 2.56 | 29.11 |
| | | 2/24/1986 | | 7.74 | -0.03 | 29.08 |
| | | 3/3/1986 | | 8.49 | -0.75 | 28.33 |
| | | 3/11/1986 | | 8.59 | -0.1 | 28.23 |
| | | 3/17/1986 | | 7.46 | 1.13 | 29.36 |
| | | 5/27/1986 | | 9.23 | -1.77 | 27.59 |
| | | 7/28/1986 | | 9.18 | 0.05 | 27.64 |

Notes:
TOC = top of casing
(1) Change in Water Elevation since last reported measurement
(2) Measurements Based on Mean Sea Level
NM = not measured
NA= not applicable

**Appendix B**
**Historical Groundwater Elevation Data (1983 to 2000)**
**Honeywell Inc./ Synertek Building # 1**
**3050 Coronado Drive**
**Santa Clara, California**

| WELL ID | Aquifer | MEASUREMENT_DATE | TOC ELEVATION(2) (feet) | DEPTH TO WATER (feet) | WATER ELEVATION CHANGES(1) (feet) | WATER ELEVATION(2) (feet) |
|---|---|---|---|---|---|---|
| MW-01A | A | 8/26/1986 | 36.82 | 9.2 | -0.02 | 27.62 |
| (cont). | | 10/3/1986 | | 9.32 | -0.12 | 27.5 |
| | | 11/14/1986 | | 9.75 | -0.43 | 27.07 |
| | | 12/3/1986 | | 9.82 | -0.07 | 27 |
| | | 3/6/1987 | | 10.51 | -0.69 | 26.31 |
| | | 6/2/1987 | | 9.96 | 0.55 | 26.86 |
| | | 7/2/1987 | | 10.59 | -0.63 | 26.23 |
| | | 7/13/1987 | | 10.53 | 0.06 | 26.29 |
| | | 9/2/1987 | | 10.59 | -0.06 | 26.23 |
| | | 9/21/1987 | | 11 | -0.41 | 25.82 |
| | | 1/7/1988 | | 11.28 | -0.28 | 25.54 |
| | | 1/12/1988 | | 11.35 | -0.07 | 25.47 |
| | | 1/22/1988 | | 11.11 | 0.24 | 25.71 |
| | | 3/22/1988 | | 11.38 | -0.27 | 25.44 |
| | | 9/26/1988 | | 11.15 | 0.23 | 25.67 |
| | | 12/12/1988 | | 11.55 | -0.4 | 25.27 |
| | | 8/3/1991 | | 12.18 | -0.63 | 24.64 |
| | | 11/8/1991 | | 12.09 | 0.09 | 24.73 |
| | | 5/26/1992 | | 11.25 | 0.84 | 25.57 |
| | | 8/25/1992 | | 11.23 | 0.02 | 25.59 |
| | | 11/12/1992 | | 12.08 | -0.85 | 24.74 |
| | | 2/11/1993 | | 10.31 | 1.77 | 26.51 |
| | | 5/13/1993 | | 10.54 | -0.23 | 26.28 |
| | | 8/25/1993 | | 10.06 | 0.48 | 26.76 |
| | | 11/10/1993 | | 10.68 | -0.62 | 26.14 |
| | | 2/10/1994 | | 10.73 | -0.05 | 26.09 |
| | | 5/6/1994 | | 9.73 | 1 | 27.09 |
| | | 9/6/1994 | | 9.87 | -0.14 | 26.95 |
| | | 11/8/1994 | | 10.18 | -0.31 | 26.64 |
| | | 2/21/1995 | | 9.73 | 0.45 | 27.09 |
| | | 8/16/1995 | | 9.53 | 0.2 | 27.29 |
| | | 11/22/1995 | | 10.33 | -0.8 | 26.49 |
| | | 2/15/1996 | | 9.41 | 0.92 | 27.41 |
| | | 8/18/1996 | | 9.7 | -0.29 | 27.12 |
| | | 11/6/1996 | | 10.16 | -0.46 | 26.66 |
| | | 1/20/1997 | | 8.5 | 1.66 | 28.32 |
| | | 7/22/1997 | | 9.69 | -1.19 | 27.13 |
| | | 1/20/1998 | | 8.96 | 0.73 | 27.86 |
| | | 7/15/1998 | | 9.32 | -0.36 | 27.5 |
| | | 2/1/1999 | | 8.97 | 0.35 | 27.85 |
| | | 7/12/1999 | | 9.2 | -0.23 | 27.62 |
| | | 1/4/2000 | | 9.94 | -0.74 | 26.88 |
| | | 8/28/2000 | | 9.94 | 0 | 26.88 |
| MW-02A | A | 2/7/1983 | 34.67 | 6.09 | NA | 28.58 |
| | | 2/11/1983 | | 6.19 | -0.1 | 28.48 |
| | | 9/22/1983 | | 7.99 | -1.8 | 26.68 |
| | | 9/30/1983 | | 7.79 | 0.2 | 26.88 |

Notes:
TOC = top of casing
(1) Change in Water Elevation since last reported measurement
(2) Measurements Based on Mean Sea Level
NM = not measured
NA= not applicable

**Appendix B**
**Historical Groundwater Elevation Data (1983 to 2000)**
**Honeywell Inc./ Synertek Building # 1**
**3050 Coronado Drive**
**Santa Clara, California**

| WELL ID | Aquifer | MEASUREMENT_DATE | TOC ELEVATION(2) (feet) | DEPTH TO WATER (feet) | WATER ELEVATION CHANGES(1) (feet) | WATER ELEVATION(2) (feet) |
|---|---|---|---|---|---|---|
| MW-02A | A | 10/4/1983 | 34.67 | 7.59 | 0.2 | 27.08 |
| (cont). | | 6/30/1984 | | 7.32 | 0.27 | 27.35 |
| | | 9/14/1984 | | 7.41 | -0.09 | 27.26 |
| | | 9/24/1984 | | 7.41 | 0 | 27.26 |
| | | 10/3/1984 | | 7.66 | -0.25 | 27.01 |
| | | 10/9/1984 | | 7.53 | 0.13 | 27.14 |
| | | 12/7/1984 | | 8.44 | -0.91 | 26.23 |
| | | 12/19/1984 | | 8.54 | -0.1 | 26.13 |
| | | 12/28/1984 | | 8.79 | -0.25 | 25.88 |
| | | 1/9/1985 | | 8.94 | -0.15 | 25.73 |
| | | 1/24/1985 | | 9.65 | -0.71 | 25.02 |
| | | 2/8/1985 | | 9.58 | 0.07 | 25.09 |
| | | 3/28/1985 | | 8.95 | 0.63 | 25.72 |
| | | 5/15/1985 | | 8.24 | 0.71 | 26.43 |
| | | 5/30/1985 | | 8.29 | -0.05 | 26.38 |
| | | 6/6/1985 | | 8.17 | 0.12 | 26.5 |
| | | 6/13/1985 | | 8.12 | 0.05 | 26.55 |
| | | 6/20/1985 | | 7.74 | 0.38 | 26.93 |
| | | 6/27/1985 | | 7.56 | 0.18 | 27.11 |
| | | 7/4/1985 | | 7.54 | 0.02 | 27.13 |
| | | 7/11/1985 | | 7.58 | -0.04 | 27.09 |
| | | 7/18/1985 | | 7.48 | 0.1 | 27.19 |
| | | 7/25/1985 | | 7.41 | 0.07 | 27.26 |
| | | 7/31/1985 | | 7.39 | 0.02 | 27.28 |
| | | 8/8/1985 | | 7.43 | -0.04 | 27.24 |
| | | 8/15/1985 | | 7.48 | -0.05 | 27.19 |
| | | 8/22/1985 | | 7.5 | -0.02 | 27.17 |
| | | 8/29/1985 | | 7.55 | -0.05 | 27.12 |
| | | 9/4/1985 | | 7.7 | -0.15 | 26.97 |
| | | 9/11/1985 | | 7.73 | -0.03 | 26.94 |
| | | 9/18/1985 | | 7.84 | -0.11 | 26.83 |
| | | 9/25/1985 | | 7.89 | -0.05 | 26.78 |
| | | 12/30/1985 | | 8.99 | -1.1 | 25.68 |
| | | 1/7/1986 | | 8.85 | 0.14 | 25.82 |
| | | 1/21/1986 | | 9.31 | -0.46 | 25.36 |
| | | 1/28/1986 | | 9.47 | -0.16 | 25.2 |
| | | 2/4/1986 | | 8.86 | 0.61 | 25.81 |
| | | 2/11/1986 | | 9.09 | -0.23 | 25.58 |
| | | 2/19/1986 | | 6.62 | 2.47 | 28.05 |
| | | 2/24/1986 | | 6.78 | -0.16 | 27.89 |
| | | 3/3/1986 | | 7.35 | -0.57 | 27.32 |
| | | 3/11/1986 | | 7.16 | 0.19 | 27.51 |
| | | 3/17/1986 | | 6.49 | 0.67 | 28.18 |
| | | 5/27/1986 | | 8.13 | -1.64 | 26.54 |
| | | 6/30/1986 | | 8 | 0.13 | 26.67 |
| | | 7/28/1986 | | 7.63 | 0.37 | 27.04 |
| | | 8/26/1986 | | 7.83 | -0.2 | 26.84 |

Notes:
TOC = top of casing
(1) Change in Water Elevation since last reported measurement
(2) Measurements Based on Mean Sea Level
NM = not measured
NA= not applicable

**Appendix B**
**Historical Groundwater Elevation Data (1983 to 2000)**
**Honeywell Inc./ Synertek Building # 1**
**3050 Coronado Drive**
**Santa Clara, California**

| WELL ID | Aquifer | MEASUREMENT_DATE | TOC ELEVATION(2) (feet) | DEPTH TO WATER (feet) | WATER ELEVATION CHANGES(1) (feet) | WATER ELEVATION(2) (feet) |
|---|---|---|---|---|---|---|
| MW-02A | A | 10/3/1986 | 34.67 | 8.2 | -0.37 | 26.47 |
| (cont). | | 11/14/1986 | | 8.54 | -0.34 | 26.13 |
| | | 12/3/1986 | | 8.62 | -0.08 | 26.05 |
| | | 1/2/1987 | | 9.21 | -0.59 | 25.46 |
| | | 3/6/1987 | | 9.26 | -0.05 | 25.41 |
| | | 5/18/1987 | | 8.84 | 0.42 | 25.83 |
| | | 6/2/1987 | | 9.47 | -0.63 | 25.2 |
| | | 7/2/1987 | | 10.53 | -1.06 | 24.14 |
| | | 7/13/1987 | | 10.6 | -0.07 | 24.07 |
| | | 9/2/1987 | | 10.59 | 0.01 | 24.08 |
| | | 9/21/1987 | | 9.29 | 1.3 | 25.38 |
| | | 1/7/1988 | | 11.46 | -2.17 | 23.21 |
| | | 1/12/1988 | | 11.41 | 0.05 | 23.26 |
| | | 1/22/1988 | | 11.38 | 0.03 | 23.29 |
| | | 2/16/1988 | | 11.94 | -0.56 | 22.73 |
| | | 3/22/1988 | | 12.37 | -0.43 | 22.3 |
| | | 6/24/1988 | | 11.1 | 1.27 | 23.57 |
| | | 9/26/1988 | | 10.9 | 0.2 | 23.77 |
| | | 12/12/1988 | | 11.71 | -0.81 | 22.96 |
| | | 3/29/1989 | | 11.38 | 0.33 | 23.29 |
| | | 6/23/1989 | | 10.97 | 0.41 | 23.7 |
| | | 8/21/1989 | | 9.8 | 1.17 | 24.87 |
| | | 9/28/1989 | | 9.45 | 0.35 | 25.22 |
| | | 12/8/1989 | | 9.93 | -0.48 | 24.74 |
| | | 3/8/1990 | | 11.29 | -1.36 | 23.38 |
| | | 6/8/1990 | | 9.68 | 1.61 | 24.99 |
| | | 9/8/1990 | | 11.47 | -1.79 | 23.2 |
| | | 12/8/1990 | | 11.48 | -0.01 | 23.19 |
| | | 3/9/1991 | | 11 | 0.48 | 23.67 |
| | | 6/1/1991 | | 11.29 | -0.29 | 23.38 |
| | | 8/3/1991 | | 12.14 | -0.85 | 22.53 |
| | | 11/8/1991 | | 12.05 | 0.09 | 22.62 |
| | | 3/10/1992 | | 10.27 | 1.78 | 24.4 |
| | | 5/26/1992 | | 10.89 | -0.62 | 23.78 |
| | | 8/25/1992 | | 10.35 | 0.54 | 24.32 |
| | | 11/12/1992 | | 11.85 | -1.5 | 22.82 |
| | | 2/11/1993 | | 9.65 | 2.2 | 25.02 |
| | | 5/13/1993 | | 9.59 | 0.06 | 25.08 |
| | | 8/25/1993 | | 9.73 | -0.14 | 24.94 |
| | | 11/10/1993 | | 9.73 | 0 | 24.94 |
| | | 2/10/1994 | | 10.42 | -0.69 | 24.25 |
| | | 5/6/1994 | | 9.08 | 1.34 | 25.59 |
| | | 9/6/1994 | | 8.98 | 0.1 | 25.69 |
| | | 11/8/1994 | | 9.43 | -0.45 | 25.24 |
| | | 2/21/1995 | | 9.08 | 0.35 | 25.59 |
| | | 5/17/1995 | | 8.03 | 1.05 | 26.64 |
| | | 8/15/1995 | | 8.61 | -0.58 | 26.06 |

Notes:
TOC = top of casing
(1) Change in Water Elevation since last reported measurement
(2) Measurements Based on Mean Sea Level
NM = not measured
NA= not applicable

**Appendix B**
**Historical Groundwater Elevation Data (1983 to 2000)**
**Honeywell Inc./ Synertek Building # 1**
**3050 Coronado Drive**
**Santa Clara, California**

| WELL ID | Aquifer | MEASUREMENT_DATE | TOC ELEVATION(2) (feet) | DEPTH TO WATER (feet) | WATER ELEVATION CHANGES(1) (feet) | WATER ELEVATION(2) (feet) |
|---|---|---|---|---|---|---|
| MW-02A (cont). | A | 11/17/1995 | 34.67 | 9.73 | -1.12 | 24.94 |
| | | 2/12/1996 | | 8.65 | 1.08 | 26.02 |
| | | 5/22/1996 | | 8.37 | 0.28 | 26.3 |
| | | 8/18/1996 | | 8.89 | -0.52 | 25.78 |
| | | 11/6/1996 | | 9.52 | -0.63 | 25.15 |
| | | 1/20/1997 | | 7.75 | 1.77 | 26.92 |
| | | 7/22/1997 | | 8.95 | -1.2 | 25.72 |
| | | 1/20/1998 | | 8.25 | 0.7 | 26.42 |
| | | 7/14/1998 | | 8.56 | -0.31 | 26.11 |
| | | 2/1/1999 | | 8.16 | 0.4 | 26.51 |
| | | 7/12/1999 | | 8.52 | -0.36 | 26.15 |
| | | 1/4/2000 | | 9.31 | -0.79 | 25.36 |
| | | 8/28/2000 | | 8.42 | 0.89 | 26.25 |
| MW-03A | A | 2/7/1983 | 33.64 | 5.19 | NA | 28.45 |
| | | 2/11/1983 | | 5.34 | -0.15 | 28.3 |
| | | 9/22/1983 | | 7.2 | -1.86 | 26.44 |
| | | 9/30/1983 | | 6.9 | 0.3 | 26.74 |
| | | 10/4/1983 | | 6.8 | 0.1 | 26.84 |
| | | 6/30/1984 | | 6.48 | 0.32 | 27.16 |
| | | 9/14/1984 | | 6.42 | 0.06 | 27.22 |
| | | 9/24/1984 | | 6.63 | -0.21 | 27.01 |
| | | 10/3/1984 | | 6.79 | -0.16 | 26.85 |
| | | 10/9/1984 | | 6.75 | 0.04 | 26.89 |
| | | 10/19/1984 | | 6.96 | -0.21 | 26.68 |
| | | 11/5/1984 | | 7.58 | -0.62 | 26.06 |
| | | 11/19/1984 | | 7.4 | 0.18 | 26.24 |
| | | 12/7/1984 | | 7.51 | -0.11 | 26.13 |
| | | 12/19/1984 | | 7.63 | -0.12 | 26.01 |
| | | 12/28/1984 | | 8 | -0.37 | 25.64 |
| | | 1/9/1985 | | 8.05 | -0.05 | 25.59 |
| | | 1/24/1985 | | 8.25 | -0.2 | 25.39 |
| | | 2/8/1985 | | 8.1 | 0.15 | 25.54 |
| | | 3/28/1985 | | 8.03 | 0.07 | 25.61 |
| | | 5/15/1985 | | 7.38 | 0.65 | 26.26 |
| | | 5/30/1985 | | 7.08 | 0.3 | 26.56 |
| | | 6/6/1985 | | 7.22 | -0.14 | 26.42 |
| | | 6/13/1985 | | 7.07 | 0.15 | 26.57 |
| | | 6/20/1985 | | 6.76 | 0.31 | 26.88 |
| | | 6/27/1985 | | 6.62 | 0.14 | 27.02 |
| | | 7/4/1985 | | 6.62 | 0 | 27.02 |
| | | 7/11/1985 | | 6.7 | -0.08 | 26.94 |
| | | 7/18/1985 | | 6.51 | 0.19 | 27.13 |
| | | 7/25/1985 | | 6.45 | 0.06 | 27.19 |
| | | 7/31/1985 | | 6.41 | 0.04 | 27.23 |
| | | 8/8/1985 | | 6.48 | -0.07 | 27.16 |
| | | 8/15/1985 | | 6.53 | -0.05 | 27.11 |
| | | 8/22/1985 | | 6.55 | -0.02 | 27.09 |

Notes:
TOC = top of casing
(1) Change in Water Elevation since last reported measurement
(2) Measurements Based on Mean Sea Level
NM = not measured
NA= not applicable

**Appendix B**
**Historical Groundwater Elevation Data (1983 to 2000)**
**Honeywell Inc./ Synertek Building # 1**
**3050 Coronado Drive**
**Santa Clara, California**

| WELL ID | Aquifer | MEASUREMENT_DATE | TOC ELEVATION[2] (feet) | DEPTH TO WATER (feet) | WATER ELEVATION CHANGES[1] (feet) | WATER ELEVATION[2] (feet) |
|---|---|---|---|---|---|---|
| MW-03A | A | 8/29/1985 | 33.64 | 6.63 | -0.08 | 27.01 |
| (cont). | | 9/4/1985 | | 6.79 | -0.16 | 26.85 |
| | | 9/11/1985 | | 6.78 | 0.01 | 26.86 |
| | | 9/18/1985 | | 6.9 | -0.12 | 26.74 |
| | | 9/25/1985 | | 6.96 | -0.06 | 26.68 |
| | | 12/30/1985 | | 8.08 | -1.12 | 25.56 |
| | | 1/7/1986 | | 7.85 | 0.23 | 25.79 |
| | | 1/21/1986 | | 8.37 | -0.52 | 25.27 |
| | | 1/28/1986 | | 8.53 | -0.16 | 25.11 |
| | | 2/4/1986 | | 7.93 | 0.6 | 25.71 |
| | | 2/11/1986 | | 8.15 | -0.22 | 25.49 |
| | | 2/19/1986 | | 5.58 | 2.57 | 28.06 |
| | | 2/24/1986 | | 5.9 | -0.32 | 27.74 |
| | | 3/3/1986 | | 6.45 | -0.55 | 27.19 |
| | | 3/11/1986 | | 6.21 | 0.24 | 27.43 |
| | | 3/17/1986 | | 5.58 | 0.63 | 28.06 |
| | | 5/27/1986 | | 7.02 | -1.44 | 26.62 |
| | | 6/30/1986 | | 7.08 | -0.06 | 26.56 |
| | | 7/28/1986 | | 6.6 | 0.48 | 27.04 |
| | | 8/26/1986 | | 6.94 | -0.34 | 26.7 |
| | | 10/3/1986 | | 7.42 | -0.48 | 26.22 |
| | | 11/14/1986 | | 7.6 | -0.18 | 26.04 |
| | | 12/3/1986 | | 7.58 | 0.02 | 26.06 |
| | | 1/2/1987 | | 8.32 | -0.74 | 25.32 |
| | | 3/6/1987 | | 8.35 | -0.03 | 25.29 |
| | | 5/18/1987 | | 7.87 | 0.48 | 25.77 |
| | | 6/2/1987 | | 8.15 | -0.28 | 25.49 |
| | | 7/2/1987 | | 9.08 | -0.93 | 24.56 |
| | | 7/13/1987 | | 9.13 | -0.05 | 24.51 |
| | | 9/2/1987 | | 9.19 | -0.06 | 24.45 |
| | | 9/21/1987 | | 9.5 | -0.31 | 24.14 |
| | | 1/7/1988 | | 9.98 | -0.48 | 23.66 |
| | | 1/12/1988 | | 10 | -0.02 | 23.64 |
| | | 1/22/1988 | | 10.18 | -0.18 | 23.46 |
| | | 2/16/1988 | | 10.35 | -0.17 | 23.29 |
| | | 3/22/1988 | | 10.59 | -0.24 | 23.05 |
| | | 6/24/1988 | | 9.63 | 0.96 | 24.01 |
| | | 9/26/1988 | | 9.16 | 0.47 | 24.48 |
| | | 12/12/1988 | | 10.3 | -1.14 | 23.34 |
| | | 3/29/1989 | | 10.2 | 0.1 | 23.44 |
| | | 8/21/1989 | | 8.74 | 1.46 | 24.9 |
| | | 9/28/1989 | | 8.48 | 0.26 | 25.16 |
| | | 12/8/1989 | | 8.99 | -0.51 | 24.65 |
| | | 3/8/1990 | | 12.28 | -3.29 | 21.36 |
| | | 6/8/1990 | | 9.68 | 2.6 | 23.96 |
| | | 9/8/1990 | | 9.88 | -0.2 | 23.76 |
| | | 12/8/1990 | | 10.36 | -0.48 | 23.28 |

Notes:
TOC = top of casing
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**Appendix B**
**Historical Groundwater Elevation Data (1983 to 2000)**
**Honeywell Inc./ Synertek Building # 1**
**3050 Coronado Drive**
**Santa Clara, California**

| WELL ID | Aquifer | MEASUREMENT_DATE | TOC ELEVATION(2) (feet) | DEPTH TO WATER (feet) | WATER ELEVATION CHANGES(1) (feet) | WATER ELEVATION(2) (feet) |
|---|---|---|---|---|---|---|
| MW-03A (cont). | A | 3/9/1991 | 33.64 | 9.79 | 0.57 | 23.85 |
| | | 6/1/1991 | | 10.05 | -0.26 | 23.59 |
| | | 8/3/1991 | | 10.75 | -0.7 | 22.89 |
| | | 11/8/1991 | | 10.63 | 0.12 | 23.01 |
| | | 3/10/1992 | | 9.51 | 1.12 | 24.13 |
| | | 5/26/1992 | | 9.65 | -0.14 | 23.99 |
| | | 8/25/1992 | | 9.25 | 0.4 | 24.39 |
| | | 11/12/1992 | | 10.52 | -1.27 | 23.12 |
| | | 2/11/1993 | | 8.44 | 2.08 | 25.2 |
| | | 5/13/1993 | | 8.56 | -0.12 | 25.08 |
| | | 8/25/1993 | | 8.43 | 0.13 | 25.21 |
| | | 11/10/1993 | | 8.63 | -0.2 | 25.01 |
| | | 2/10/1994 | | 9.17 | -0.54 | 24.47 |
| | | 5/6/1994 | | 8.05 | 1.12 | 25.59 |
| | | 9/6/1994 | | 7.92 | 0.13 | 25.72 |
| | | 11/8/1994 | | 8.52 | -0.6 | 25.12 |
| | | 2/21/1995 | | 8.05 | 0.47 | 25.59 |
| | | 5/17/1995 | | 7.03 | 1.02 | 26.61 |
| | | 8/15/1995 | | 7.48 | -0.45 | 26.16 |
| | | 11/17/1995 | | 8.65 | -1.17 | 24.99 |
| | | 2/12/1996 | | 7.71 | 0.94 | 25.93 |
| | | 5/22/1996 | | 7.28 | 0.43 | 26.36 |
| | | 8/18/1996 | | 7.88 | -0.6 | 25.76 |
| | | 11/6/1996 | | 8.45 | -0.57 | 25.19 |
| | | 1/20/1997 | | 6.79 | 1.66 | 26.85 |
| | | 7/22/1997 | | 8.95 | -2.16 | 24.69 |
| | | 1/20/1998 | | 7.3 | 1.65 | 26.34 |
| | | 7/14/1998 | | 7.59 | -0.29 | 26.05 |
| | | 2/1/1999 | | 7.23 | 0.36 | 26.41 |
| | | 7/12/1999 | | 7.45 | -0.22 | 26.19 |
| | | 1/4/2000 | | 8.3 | -0.85 | 25.34 |
| | | 8/28/2000 | | 7.5 | 0.8 | 26.14 |
| MW-07A | A | 9/22/1983 | 34.11 | 7.33 | NA | 26.78 |
| | | 9/30/1983 | | 7.03 | 0.3 | 27.08 |
| | | 10/4/1983 | | 6.93 | 0.1 | 27.18 |
| | | 6/30/1984 | | 6.64 | 0.29 | 27.47 |
| | | 9/14/1984 | | 6.45 | 0.19 | 27.66 |
| | | 9/24/1984 | | 6.72 | -0.27 | 27.39 |
| | | 10/3/1984 | | 6.89 | -0.17 | 27.22 |
| | | 10/9/1984 | | 6.85 | 0.04 | 27.26 |
| | | 10/19/1984 | | 7.06 | -0.21 | 27.05 |
| | | 11/5/1984 | | 7.74 | -0.68 | 26.37 |
| | | 11/19/1984 | | 7.63 | 0.11 | 26.48 |
| | | 12/7/1984 | | 7.68 | -0.05 | 26.43 |
| | | 12/19/1984 | | 7.83 | -0.15 | 26.28 |
| | | 12/28/1984 | | 8.03 | -0.2 | 26.08 |
| | | 1/9/1985 | | 8.18 | -0.15 | 25.93 |

Notes:
TOC = top of casing
(1) Change in Water Elevation since last reported measurement
(2) Measurements Based on Mean Sea Level
NM = not measured
NA= not applicable

**Appendix B**
**Historical Groundwater Elevation Data (1983 to 2000)**
**Honeywell Inc./ Synertek Building # 1**
**3050 Coronado Drive**
**Santa Clara, California**

| WELL ID | Aquifer | MEASUREMENT_DATE | TOC ELEVATION(2) (feet) | DEPTH TO WATER (feet) | WATER ELEVATION CHANGES(1) (feet) | WATER ELEVATION(2) (feet) |
|---|---|---|---|---|---|---|
| MW-07A | A | 1/24/1985 | 34.11 | 8.43 | -0.25 | 25.68 |
| (cont). | | 2/8/1985 | | 8.43 | 0 | 25.68 |
| | | 3/28/1985 | | 8.24 | 0.19 | 25.87 |
| | | 5/15/1985 | | 7.55 | 0.69 | 26.56 |
| | | 5/30/1985 | | 7.61 | -0.06 | 26.5 |
| | | 6/13/1985 | | 7.36 | 0.25 | 26.75 |
| | | 6/20/1985 | | 7.07 | 0.29 | 27.04 |
| | | 6/27/1985 | | 6.88 | 0.19 | 27.23 |
| | | 7/4/1985 | | 6.8 | 0.08 | 27.31 |
| | | 7/18/1985 | | 6.8 | 0 | 27.31 |
| | | 7/25/1985 | | 6.74 | 0.06 | 27.37 |
| | | 7/31/1985 | | 6.73 | 0.01 | 27.38 |
| | | 8/8/1985 | | 6.76 | -0.03 | 27.35 |
| | | 8/15/1985 | | 6.8 | -0.04 | 27.31 |
| | | 8/22/1985 | | 6.82 | -0.02 | 27.29 |
| | | 8/29/1985 | | 6.85 | -0.03 | 27.26 |
| | | 9/4/1985 | | 7.03 | -0.18 | 27.08 |
| | | 9/11/1985 | | 7.05 | -0.02 | 27.06 |
| | | 9/18/1985 | | 7.14 | -0.09 | 26.97 |
| | | 9/25/1985 | | 7.13 | 0.01 | 26.98 |
| | | 12/30/1985 | | 8.28 | -1.15 | 25.83 |
| | | 1/7/1986 | | 8.21 | 0.07 | 25.9 |
| | | 1/21/1986 | | 8.58 | -0.37 | 25.53 |
| | | 1/28/1986 | | 8.75 | -0.17 | 25.36 |
| | | 2/4/1986 | | 8.16 | 0.59 | 25.95 |
| | | 2/11/1986 | | 8.37 | -0.21 | 25.74 |
| | | 2/19/1986 | | 5.91 | 2.46 | 28.2 |
| | | 2/24/1986 | | 6.04 | -0.13 | 28.07 |
| | | 3/3/1986 | | 6.61 | -0.57 | 27.5 |
| | | 3/11/1986 | | 6.47 | 0.14 | 27.64 |
| | | 3/17/1986 | | 5.75 | 0.72 | 28.36 |
| | | 5/27/1986 | | 7.34 | -1.59 | 26.77 |
| | | 6/30/1986 | | 7.28 | 0.06 | 26.83 |
| | | 7/28/1986 | | 6.95 | 0.33 | 27.16 |
| | | 8/26/1986 | | 6.98 | -0.03 | 27.13 |
| | | 10/3/1986 | | 7.53 | -0.55 | 26.58 |
| | | 11/14/1986 | | 7.78 | -0.25 | 26.33 |
| | | 12/3/1986 | | 7.95 | -0.17 | 26.16 |
| | | 1/2/1987 | | 7.97 | -0.02 | 26.14 |
| | | 3/6/1987 | | 8.02 | -0.05 | 26.09 |
| | | 5/18/1987 | | 7.63 | 0.39 | 26.48 |
| | | 6/2/1987 | | 8.38 | -0.75 | 25.73 |
| | | 7/2/1987 | | 9.57 | -1.19 | 24.54 |
| | | 7/13/1987 | | 9.55 | 0.02 | 24.56 |
| | | 9/2/1987 | | 9.65 | -0.1 | 24.46 |
| | | 9/21/1987 | | 9.01 | 0.64 | 25.1 |
| | | 1/7/1988 | | 10.33 | -1.32 | 23.78 |

Notes:
TOC = top of casing
(1) Change in Water Elevation since last reported measurement
(2) Measurements Based on Mean Sea Level
NM = not measured
NA= not applicable

**Appendix B**
**Historical Groundwater Elevation Data (1983 to 2000)**
**Honeywell Inc./ Synertek Building # 1**
**3050 Coronado Drive**
**Santa Clara, California**

| WELL ID | Aquifer | MEASUREMENT_DATE | TOC ELEVATION(2) (feet) | DEPTH TO WATER (feet) | WATER ELEVATION CHANGES(1) (feet) | WATER ELEVATION(2) (feet) |
|---|---|---|---|---|---|---|
| MW-07A | A | 1/12/1988 | 34.11 | 10.21 | 0.12 | 23.9 |
| (cont). | | 1/22/1988 | | 10.24 | -0.03 | 23.87 |
| | | 2/16/1988 | | 10.68 | -0.44 | 23.43 |
| | | 3/22/1988 | | 11.23 | -0.55 | 22.88 |
| | | 6/24/1988 | | 9.79 | 1.44 | 24.32 |
| | | 9/26/1988 | | 9.99 | -0.2 | 24.12 |
| | | 12/12/1988 | | 10.25 | -0.26 | 23.86 |
| | | 3/29/1989 | | 11.06 | -0.81 | 23.05 |
| | | 8/21/1989 | | 9.15 | 1.91 | 24.96 |
| | | 9/28/1989 | | 8.79 | 0.36 | 25.32 |
| | | 12/8/1989 | | 9.23 | -0.44 | 24.88 |
| | | 3/8/1990 | | 10.76 | -1.53 | 23.35 |
| | | 6/8/1990 | | 10.28 | 0.48 | 23.83 |
| | | 9/8/1990 | | 10.71 | -0.43 | 23.4 |
| | | 12/8/1990 | | 10.95 | -0.24 | 23.16 |
| | | 3/9/1991 | | 10.44 | 0.51 | 23.67 |
| | | 6/1/1991 | | 10.57 | -0.13 | 23.54 |
| | | 8/3/1991 | | 11.55 | -0.98 | 22.56 |
| | | 11/8/1991 | | 11.54 | 0.01 | 22.57 |
| | | 3/10/1992 | | 9.82 | 1.72 | 24.29 |
| | | 5/26/1992 | | 10.23 | -0.41 | 23.88 |
| | | 8/25/1992 | | 9.67 | 0.56 | 24.44 |
| | | 11/12/1992 | | 11.45 | -1.78 | 22.66 |
| | | 2/11/1993 | | 8.98 | 2.47 | 25.13 |
| | | 5/13/1993 | | 8.92 | 0.06 | 25.19 |
| | | 8/25/1993 | | 9.05 | -0.13 | 25.06 |
| | | 11/10/1993 | | 9.08 | -0.03 | 25.03 |
| | | 2/10/1994 | | 9.78 | -0.7 | 24.33 |
| | | 5/6/1994 | | 8.58 | 1.2 | 25.53 |
| | | 9/6/1994 | | 8.33 | 0.25 | 25.78 |
| | | 11/8/1994 | | 8.81 | -0.48 | 25.3 |
| | | 2/21/1995 | | 8.58 | 0.23 | 25.53 |
| | | 5/17/1995 | | 7.52 | 1.06 | 26.59 |
| | | 8/15/1995 | | 8.12 | -0.6 | 25.99 |
| | | 11/17/1995 | | 9.18 | -1.06 | 24.93 |
| | | 2/12/1996 | | 8.16 | 1.02 | 25.95 |
| | | 5/22/1996 | | 7.94 | 0.22 | 26.17 |
| | | 8/18/1996 | | 8.34 | -0.4 | 25.77 |
| | | 11/6/1996 | | 9.05 | -0.71 | 25.06 |
| | | 1/20/1997 | | 7.3 | 1.75 | 26.81 |
| | | 7/22/1997 | | 8.51 | -1.21 | 25.6 |
| | | 1/20/1998 | | 7.8 | 0.71 | 26.31 |
| | | 7/14/1998 | | 8.1 | -0.3 | 26.01 |
| | | 2/1/1999 | | 7.72 | 0.38 | 26.39 |
| | | 7/12/1999 | | 8.13 | -0.41 | 25.98 |
| | | 1/4/2000 | | 8.8 | -0.67 | 25.31 |
| | | 8/28/2000 | | 7.95 | 0.85 | 26.16 |

Notes:
TOC = top of casing
(1) Change in Water Elevation since last reported measurement
(2) Measurements Based on Mean Sea Level
NM = not measured
NA= not applicable

**Appendix B**
**Historical Groundwater Elevation Data (1983 to 2000)**
**Honeywell Inc./ Synertek Building # 1**
**3050 Coronado Drive**
**Santa Clara, California**

| WELL ID | Aquifer | MEASUREMENT_DATE | TOC ELEVATION[2] (feet) | DEPTH TO WATER (feet) | WATER ELEVATION CHANGES[1] (feet) | WATER ELEVATION[2] (feet) |
|---|---|---|---|---|---|---|
| MW-08A | A | 9/22/1983 | 34.08 | 7.5 | NA | 26.58 |
| | | 9/30/1983 | | 7.3 | 0.2 | 26.78 |
| | | 10/4/1983 | | 7.1 | 0.2 | 26.98 |
| | | 6/30/1984 | | 6.83 | 0.27 | 27.25 |
| | | 9/14/1984 | | 6.48 | 0.35 | 27.6 |
| | | 9/24/1984 | | 6.96 | -0.48 | 27.12 |
| | | 10/3/1984 | | 7.17 | -0.21 | 26.91 |
| | | 10/9/1984 | | 7.08 | 0.09 | 27 |
| | | 10/19/1984 | | 7.33 | -0.25 | 26.75 |
| | | 11/5/1984 | | 8 | -0.67 | 26.08 |
| | | 11/19/1984 | | 7.95 | 0.05 | 26.13 |
| | | 12/7/1984 | | 7.94 | 0.01 | 26.14 |
| | | 12/19/1984 | | 8.05 | -0.11 | 26.03 |
| | | 12/28/1984 | | 8.3 | -0.25 | 25.78 |
| | | 1/9/1985 | | 8.45 | -0.15 | 25.63 |
| | | 1/24/1985 | | 8.62 | -0.17 | 25.46 |
| | | 2/8/1985 | | 8.54 | 0.08 | 25.54 |
| | | 3/28/1985 | | 8.42 | 0.12 | 25.66 |
| | | 5/15/1985 | | 7.76 | 0.66 | 26.32 |
| | | 5/30/1985 | | 7.78 | -0.02 | 26.3 |
| | | 6/6/1985 | | 7.64 | 0.14 | 26.44 |
| | | 6/13/1985 | | 7.51 | 0.13 | 26.57 |
| | | 6/20/1985 | | 7.19 | 0.32 | 26.89 |
| | | 6/27/1985 | | 7.03 | 0.16 | 27.05 |
| | | 7/4/1985 | | 7.03 | 0 | 27.05 |
| | | 7/11/1985 | | 7.07 | -0.04 | 27.01 |
| | | 7/18/1985 | | 6.94 | 0.13 | 27.14 |
| | | 7/25/1985 | | 6.87 | 0.07 | 27.21 |
| | | 7/31/1985 | | 6.85 | 0.02 | 27.23 |
| | | 8/8/1985 | | 6.9 | -0.05 | 27.18 |
| | | 8/15/1985 | | 6.95 | -0.05 | 27.13 |
| | | 8/22/1985 | | 6.97 | -0.02 | 27.11 |
| | | 8/29/1985 | | 7.04 | -0.07 | 27.04 |
| | | 9/4/1985 | | 7.2 | -0.16 | 26.88 |
| | | 9/11/1985 | | 7.21 | -0.01 | 26.87 |
| | | 9/18/1985 | | 7.31 | -0.1 | 26.77 |
| | | 9/25/1985 | | 7.37 | -0.06 | 26.71 |
| | | 12/30/1985 | | 8.52 | -1.15 | 25.56 |
| | | 1/7/1986 | | 8.35 | 0.17 | 25.73 |
| | | 1/21/1986 | | 8.76 | -0.41 | 25.32 |
| | | 1/28/1986 | | 8.93 | -0.17 | 25.15 |
| | | 2/4/1986 | | 8.31 | 0.62 | 25.77 |
| | | 2/11/1986 | | 8.55 | -0.24 | 25.53 |
| | | 2/19/1986 | | 6.06 | 2.49 | 28.02 |
| | | 2/24/1986 | | 6.28 | -0.22 | 27.8 |
| | | 3/3/1986 | | 6.83 | -0.55 | 27.25 |
| | | 3/11/1986 | | 6.62 | 0.21 | 27.46 |

Notes:
TOC = top of casing
(1) Change in Water Elevation since last reported measurement
(2) Measurements Based on Mean Sea Level
NM = not measured
NA= not applicable

**Appendix B**
**Historical Groundwater Elevation Data (1983 to 2000)**
**Honeywell Inc./ Synertek Building # 1**
**3050 Coronado Drive**
**Santa Clara, California**

| WELL ID | Aquifer | MEASUREMENT_DATE | TOC ELEVATION(2) (feet) | DEPTH TO WATER (feet) | WATER ELEVATION CHANGES(1) (feet) | WATER ELEVATION(2) (feet) |
|---|---|---|---|---|---|---|
| MW-08A | A | 3/17/1986 | 34.08 | 5.95 | 0.67 | 28.13 |
| (cont). | | 5/27/1986 | | 7.46 | -1.51 | 26.62 |
| | | 6/30/1986 | | 7.45 | 0.01 | 26.63 |
| | | 7/28/1986 | | 7.05 | 0.4 | 27.03 |
| | | 8/26/1986 | | 7.25 | -0.2 | 26.83 |
| | | 10/3/1986 | | 7.67 | -0.42 | 26.41 |
| | | 11/14/1986 | | 7.99 | -0.32 | 26.09 |
| | | 12/3/1986 | | 8.01 | -0.02 | 26.07 |
| | | 1/2/1987 | | 8.71 | -0.7 | 25.37 |
| | | 3/6/1987 | | 8.75 | -0.04 | 25.33 |
| | | 5/18/1987 | | 8.85 | -0.1 | 25.23 |
| | | 6/2/1987 | | 8.78 | 0.07 | 25.3 |
| | | 7/2/1987 | | 9.81 | -1.03 | 24.27 |
| | | 7/13/1987 | | 9.92 | -0.11 | 24.16 |
| | | 9/2/1987 | | 9.88 | 0.04 | 24.2 |
| | | 9/21/1987 | | 2.22 | 7.66 | 31.86 |
| | | 1/7/1988 | | 10.57 | -8.35 | 23.51 |
| | | 1/12/1988 | | 10.52 | 0.05 | 23.56 |
| | | 1/22/1988 | | 10.45 | 0.07 | 23.63 |
| | | 2/16/1988 | | 11 | -0.55 | 23.08 |
| | | 3/22/1988 | | 11.34 | -0.34 | 22.74 |
| | | 6/24/1988 | | 10.21 | 1.13 | 23.87 |
| | | 9/26/1988 | | 9.73 | 0.48 | 24.35 |
| | | 12/12/1988 | | 10.88 | -1.15 | 23.2 |
| | | 3/29/1989 | | 10.74 | 0.14 | 23.34 |
| | | 8/21/1989 | | 9.21 | 1.53 | 24.87 |
| | | 9/28/1989 | | 8.89 | 0.32 | 25.19 |
| | | 12/8/1989 | | 9.43 | -0.54 | 24.65 |
| | | 3/8/1990 | | 10.59 | -1.16 | 23.49 |
| | | 6/8/1990 | | 10.2 | 0.39 | 23.88 |
| | | 9/8/1990 | | 10.57 | -0.37 | 23.51 |
| | | 12/8/1990 | | 11.72 | -1.15 | 22.36 |
| | | 3/9/1991 | | 10.35 | 1.37 | 23.73 |
| | | 6/1/1991 | | 10.64 | -0.29 | 23.44 |
| | | 8/3/1991 | | 11.43 | -0.79 | 22.65 |
| | | 11/8/1991 | | 11.31 | 0.12 | 22.77 |
| | | 3/10/1992 | | 9.05 | 2.26 | 25.03 |
| | | 5/26/1992 | | 10.24 | -1.19 | 23.84 |
| | | 8/25/1992 | | 9.76 | 0.48 | 24.32 |
| | | 11/12/1992 | | 11.15 | -1.39 | 22.93 |
| | | 2/11/1993 | | 9.05 | 2.1 | 25.03 |
| | | 5/13/1993 | | 9.05 | 0 | 25.03 |
| | | 8/25/1993 | | 9.05 | 0 | 25.03 |
| | | 11/10/1993 | | 9.56 | -0.51 | 24.52 |
| | | 2/10/1994 | | 9.76 | -0.2 | 24.32 |
| | | 5/6/1994 | | 8.44 | 1.32 | 25.64 |
| | | 9/6/1994 | | 8.42 | 0.02 | 25.66 |

Notes:
TOC = top of casing
(1) Change in Water Elevation since last reported measurement
(2) Measurements Based on Mean Sea Level
NM = not measured
NA= not applicable

**Appendix B**
**Historical Groundwater Elevation Data (1983 to 2000)**
**Honeywell Inc./ Synertek Building # 1**
**3050 Coronado Drive**
**Santa Clara, California**

| WELL ID | Aquifer | MEASUREMENT_DATE | TOC ELEVATION(2) (feet) | DEPTH TO WATER (feet) | WATER ELEVATION CHANGES(1) (feet) | WATER ELEVATION(2) (feet) |
|---|---|---|---|---|---|---|
| MW-08A (cont). | A | 11/8/1994 | 34.08 | 8.92 | -0.5 | 25.16 |
| | | 2/21/1995 | | 8.44 | 0.48 | 25.64 |
| | | 5/17/1995 | | 7.42 | 1.02 | 26.66 |
| | | 8/15/1995 | | 8.16 | -0.74 | 25.92 |
| | | 11/17/1995 | | 9.15 | -0.99 | 24.93 |
| | | 2/12/1996 | | 8.14 | 1.01 | 25.94 |
| | | 5/22/1996 | | 7.76 | 0.38 | 26.32 |
| | | 8/18/1996 | | 8.28 | -0.52 | 25.8 |
| | | 11/6/1996 | | 8.81 | -0.53 | 25.27 |
| | | 1/20/1997 | | 7.24 | 1.57 | 26.84 |
| | | 7/22/1997 | | 8.36 | -1.12 | 25.72 |
| | | 1/20/1998 | | 7.67 | 0.69 | 26.41 |
| | | 7/14/1998 | | 7.91 | -0.24 | 26.17 |
| | | 2/1/1999 | | 7.67 | 0.24 | 26.41 |
| | | 7/12/1999 | | 7.95 | -0.28 | 26.13 |
| | | 1/4/2000 | | 8.72 | -0.77 | 25.36 |
| | | 8/28/2000 | | 7.88 | 0.84 | 26.2 |
| MW-10A | A | 12/7/1984 | 34.17 | 7.5 | NA | 26.67 |
| | | 12/19/1984 | | 7.58 | -0.08 | 26.59 |
| | | 12/28/1984 | | 7.8 | -0.22 | 26.37 |
| | | 1/9/1985 | | 8.95 | -1.15 | 25.22 |
| | | 1/24/1985 | | 8.11 | 0.84 | 26.06 |
| | | 2/8/1985 | | 8.3 | -0.19 | 25.87 |
| | | 3/28/1985 | | 8.02 | 0.28 | 26.15 |
| | | 5/15/1985 | | 7.4 | 0.62 | 26.77 |
| | | 5/30/1985 | | 7.46 | -0.06 | 26.71 |
| | | 6/6/1985 | | 7.33 | 0.13 | 26.84 |
| | | 6/13/1985 | | 7.23 | 0.1 | 26.94 |
| | | 6/20/1985 | | 6.98 | 0.25 | 27.19 |
| | | 6/27/1985 | | 6.81 | 0.17 | 27.36 |
| | | 7/4/1985 | | 6.72 | 0.09 | 27.45 |
| | | 7/11/1985 | | 6.74 | -0.02 | 27.43 |
| | | 7/18/1985 | | 6.7 | 0.04 | 27.47 |
| | | 7/25/1985 | | 6.65 | 0.05 | 27.52 |
| | | 7/31/1985 | | 6.62 | 0.03 | 27.55 |
| | | 8/8/1985 | | 6.67 | -0.05 | 27.5 |
| | | 8/15/1985 | | 6.69 | -0.02 | 27.48 |
| | | 8/22/1985 | | 6.71 | -0.02 | 27.46 |
| | | 8/29/1985 | | 6.71 | 0 | 27.46 |
| | | 9/4/1985 | | 6.87 | -0.16 | 27.3 |
| | | 9/11/1985 | | 6.89 | -0.02 | 27.28 |
| | | 9/18/1985 | | 6.95 | -0.06 | 27.22 |
| | | 9/25/1985 | | 7.04 | -0.09 | 27.13 |
| | | 12/30/1985 | | 7.62 | -0.58 | 26.55 |
| | | 1/7/1986 | | 7.95 | -0.33 | 26.22 |
| | | 1/21/1986 | | 8.33 | -0.38 | 25.84 |
| | | 1/28/1986 | | 8.52 | -0.19 | 25.65 |

Notes:
TOC = top of casing
(1) Change in Water Elevation since last reported measurement
(2) Measurements Based on Mean Sea Level
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**Appendix B**
**Historical Groundwater Elevation Data (1983 to 2000)**
**Honeywell Inc./ Synertek Building # 1**
**3050 Coronado Drive**
**Santa Clara, California**

| WELL ID | Aquifer | MEASUREMENT_DATE | TOC ELEVATION[2] (feet) | DEPTH TO WATER (feet) | WATER ELEVATION CHANGES[1] (feet) | WATER ELEVATION[2] (feet) |
|---|---|---|---|---|---|---|
| MW-10A | A | 2/4/1986 | 34.17 | 8.01 | 0.51 | 26.16 |
| (cont). | | 2/11/1986 | | 8.14 | -0.13 | 26.03 |
| | | 2/19/1986 | | 5.75 | 2.39 | 28.42 |
| | | 2/24/1986 | | 5.75 | 0 | 28.42 |
| | | 3/3/1986 | | 6.38 | -0.63 | 27.79 |
| | | 3/11/1986 | | 6.33 | 0.05 | 27.84 |
| | | 3/17/1986 | | 5.51 | 0.82 | 28.66 |
| | | 5/27/1986 | | 7.1 | -1.59 | 27.07 |
| | | 6/30/1986 | | 7.13 | -0.03 | 27.04 |
| | | 7/28/1986 | | 6.81 | 0.32 | 27.36 |
| | | 8/26/1986 | | 6.75 | 0.06 | 27.42 |
| | | 10/3/1986 | | 7.44 | -0.69 | 26.73 |
| | | 11/14/1986 | | 7.5 | -0.06 | 26.67 |
| | | 12/3/1986 | | 7.74 | -0.24 | 26.43 |
| | | 1/2/1987 | | 8.19 | -0.45 | 25.98 |
| | | 3/6/1987 | | 8.22 | -0.03 | 25.95 |
| | | 5/18/1987 | | 8 | 0.22 | 26.17 |
| | | 6/2/1987 | | 8.69 | -0.69 | 25.48 |
| | | 7/2/1987 | | 9.65 | -0.96 | 24.52 |
| | | 7/13/1987 | | 9.6 | 0.05 | 24.57 |
| | | 9/2/1987 | | 9.69 | -0.09 | 24.48 |
| | | 9/21/1987 | | 9.15 | 0.54 | 25.02 |
| | | 1/7/1988 | | 10.62 | -1.47 | 23.55 |
| | | 1/12/1988 | | 10.5 | 0.12 | 23.67 |
| | | 1/22/1988 | | 10.46 | 0.04 | 23.71 |
| | | 2/16/1988 | | 10.6 | -0.14 | 23.57 |
| | | 3/22/1988 | | 11.31 | -0.71 | 22.86 |
| | | 6/24/1988 | | 9.8 | 1.51 | 24.37 |
| | | 9/26/1988 | | 10.6 | -0.8 | 23.57 |
| | | 12/12/1988 | | 11.14 | -0.54 | 23.03 |
| | | 3/29/1989 | | 10.28 | 0.86 | 23.89 |
| | | 8/21/1989 | | 8.92 | 1.36 | 25.25 |
| | | 9/28/1989 | | 8.53 | 0.39 | 25.64 |
| | | 12/8/1989 | | 8.97 | -0.44 | 25.2 |
| | | 3/8/1990 | | 10.42 | -1.45 | 23.75 |
| | | 6/8/1990 | | 9.84 | 0.58 | 24.33 |
| | | 9/8/1990 | | 10.37 | -0.53 | 23.8 |
| | | 12/8/1990 | | 10.91 | -0.54 | 23.26 |
| | | 3/9/1991 | | 10.11 | 0.8 | 24.06 |
| | | 6/1/1991 | | 9.95 | 0.16 | 24.22 |
| | | 8/3/1991 | | 11.05 | -1.1 | 23.12 |
| | | 11/8/1991 | | 10.97 | 0.08 | 23.2 |
| | | 3/10/1992 | | 8.63 | 2.34 | 25.54 |
| | | 5/26/1992 | | 9.69 | -1.06 | 24.48 |
| | | 8/25/1992 | | 9.13 | 0.56 | 25.04 |
| | | 11/12/1992 | | 10.74 | -1.61 | 23.43 |
| | | 2/11/1993 | | 8.45 | 2.29 | 25.72 |

Notes:
TOC = top of casing
(1) Change in Water Elevation since last reported measurement
(2) Measurements Based on Mean Sea Level
NM = not measured
NA= not applicable

**Appendix B**
**Historical Groundwater Elevation Data (1983 to 2000)**
**Honeywell Inc./ Synertek Building # 1**
**3050 Coronado Drive**
**Santa Clara, California**

| WELL ID | Aquifer | MEASUREMENT_DATE | TOC ELEVATION(2) (feet) | DEPTH TO WATER (feet) | WATER ELEVATION CHANGES(1) (feet) | WATER ELEVATION(2) (feet) |
|---|---|---|---|---|---|---|
| MW-10A (cont). | A | 5/13/1993 | 34.17 | 8.62 | -0.17 | 25.55 |
| | | 8/25/1993 | | 8.53 | 0.09 | 25.64 |
| | | 11/10/1993 | | 8.74 | -0.21 | 25.43 |
| | | 2/10/1994 | | 9.35 | -0.61 | 24.82 |
| | | 5/6/1994 | | 8.22 | 1.13 | 25.95 |
| | | 9/6/1994 | | 8.1 | 0.12 | 26.07 |
| | | 11/8/1994 | | 8.53 | -0.43 | 25.64 |
| | | 2/21/1995 | | 8.22 | 0.31 | 25.95 |
| | | 5/17/1995 | | 7.22 | 1 | 26.95 |
| | | 8/15/1995 | | 7.75 | -0.53 | 26.42 |
| | | 11/17/1995 | | 8.75 | -1 | 25.42 |
| | | 2/12/1996 | | 7.73 | 1.02 | 26.44 |
| | | 5/22/1996 | | 7.94 | -0.21 | 26.23 |
| | | 8/18/1996 | | 7.99 | -0.05 | 26.18 |
| | | 11/6/1996 | | 8.76 | -0.77 | 25.41 |
| | | 1/20/1997 | | 6.87 | 1.89 | 27.3 |
| | | 7/22/1997 | | 8.17 | -1.3 | 26 |
| | | 1/20/1998 | | 7.43 | 0.74 | 26.74 |
| | | 7/14/1998 | | 7.8 | -0.37 | 26.37 |
| | | 2/1/1999 | | 7.39 | 0.41 | 26.78 |
| | | 7/12/1999 | | 7.95 | -0.56 | 26.22 |
| | | 1/4/2000 | | 8.45 | -0.5 | 25.72 |
| | | 8/28/2000 | | 7.6 | 0.85 | 26.57 |
| MW-11A | A | 12/7/1984 | 34.85 | 8.45 | NA | 26.4 |
| | | 12/19/1984 | | 8.66 | -0.21 | 26.19 |
| | | 12/28/1984 | | 8.9 | -0.24 | 25.95 |
| | | 1/24/1985 | | 9.2 | -0.3 | 25.65 |
| | | 3/28/1985 | | 9.06 | 0.14 | 25.79 |
| | | 5/15/1985 | | 8.44 | 0.62 | 26.41 |
| | | 5/30/1985 | | 8.4 | 0.04 | 26.45 |
| | | 6/6/1985 | | 8.26 | 0.14 | 26.59 |
| | | 6/13/1985 | | 8.05 | 0.21 | 26.8 |
| | | 6/20/1985 | | 7.85 | 0.2 | 27 |
| | | 6/27/1985 | | 7.71 | 0.14 | 27.14 |
| | | 7/4/1985 | | 7.67 | 0.04 | 27.18 |
| | | 7/11/1985 | | 7.7 | -0.03 | 27.15 |
| | | 7/18/1985 | | 7.61 | 0.09 | 27.24 |
| | | 7/25/1985 | | 7.54 | 0.07 | 27.31 |
| | | 7/31/1985 | | 7.51 | 0.03 | 27.34 |
| | | 8/8/1985 | | 7.58 | -0.07 | 27.27 |
| | | 8/15/1985 | | 7.64 | -0.06 | 27.21 |
| | | 8/22/1985 | | 7.66 | -0.02 | 27.19 |
| | | 8/29/1985 | | 7.65 | 0.01 | 27.2 |
| | | 9/4/1985 | | 7.82 | -0.17 | 27.03 |
| | | 9/11/1985 | | 7.83 | -0.01 | 27.02 |
| | | 9/18/1985 | | 7.95 | -0.12 | 26.9 |
| | | 9/25/1985 | | 7.99 | -0.04 | 26.86 |

Notes:
TOC = top of casing
(1) Change in Water Elevation since last reported measurement
(2) Measurements Based on Mean Sea Level
NM = not measured
NA= not applicable

**Appendix B**
**Historical Groundwater Elevation Data (1983 to 2000)**
**Honeywell Inc./ Synertek Building # 1**
**3050 Coronado Drive**
**Santa Clara, California**

| WELL ID | Aquifer | MEASUREMENT_DATE | TOC ELEVATION(2) (feet) | DEPTH TO WATER (feet) | WATER ELEVATION CHANGES(1) (feet) | WATER ELEVATION(2) (feet) |
|---|---|---|---|---|---|---|
| MW-11A | A | 12/30/1985 | 34.85 | 9.12 | -1.13 | 25.73 |
| (cont). | | 1/7/1986 | | 9 | 0.12 | 25.85 |
| | | 1/21/1986 | | 9.39 | -0.39 | 25.46 |
| | | 1/28/1986 | | 9.55 | -0.16 | 25.3 |
| | | 2/4/1986 | | 8.96 | 0.59 | 25.89 |
| | | 2/11/1986 | | 9.17 | -0.21 | 25.68 |
| | | 2/19/1986 | | 6.62 | 2.55 | 28.23 |
| | | 2/24/1986 | | 6.88 | -0.26 | 27.97 |
| | | 3/3/1986 | | 7.45 | -0.57 | 27.4 |
| | | 3/11/1986 | | 7.28 | 0.17 | 27.57 |
| | | 3/17/1986 | | 6.6 | 0.68 | 28.25 |
| | | 5/27/1986 | | 8.06 | -1.46 | 26.79 |
| | | 6/30/1986 | | 8.1 | -0.04 | 26.75 |
| | | 7/28/1986 | | 7.69 | 0.41 | 27.16 |
| | | 8/26/1986 | | 7.97 | -0.28 | 26.88 |
| | | 10/3/1986 | | 8.35 | -0.38 | 26.5 |
| | | 11/14/1986 | | 8.61 | -0.26 | 26.24 |
| | | 12/3/1986 | | 8.79 | -0.18 | 26.06 |
| | | 1/2/1987 | | 9.31 | -0.52 | 25.54 |
| | | 3/6/1987 | | 9.36 | -0.05 | 25.49 |
| | | 5/18/1987 | | 8.96 | 0.4 | 25.89 |
| | | 6/2/1987 | | 9.3 | -0.34 | 25.55 |
| | | 7/2/1987 | | 10.26 | -0.96 | 24.59 |
| | | 7/13/1987 | | 10.28 | -0.02 | 24.57 |
| | | 9/2/1987 | | 10.36 | -0.08 | 24.49 |
| | | 9/21/1987 | | 9.67 | 0.69 | 25.18 |
| | | 12/18/1987 | | 11.33 | -1.66 | 23.52 |
| | | 1/7/1988 | | 11.16 | 0.17 | 23.69 |
| | | 1/12/1988 | | 11.16 | 0 | 23.69 |
| | | 1/22/1988 | | 11.06 | 0.1 | 23.79 |
| | | 2/16/1988 | | 11.4 | -0.34 | 23.45 |
| | | 3/22/1988 | | 11.65 | -0.25 | 23.2 |
| | | 6/24/1988 | | 10.75 | 0.9 | 24.1 |
| | | 9/26/1988 | | 10.67 | 0.08 | 24.18 |
| | | 12/12/1988 | | 11.26 | -0.59 | 23.59 |
| | | 3/29/1989 | | 11.26 | 0 | 23.59 |
| | | 6/23/1989 | | 10.89 | 0.37 | 23.96 |
| | | 8/21/1989 | | 9.86 | 1.03 | 24.99 |
| | | 9/28/1989 | | 9.55 | 0.31 | 25.3 |
| | | 12/8/1989 | | 10.02 | -0.47 | 24.83 |
| | | 3/8/1990 | | 11.19 | -1.17 | 23.66 |
| | | 6/8/1990 | | 10.71 | 0.48 | 24.14 |
| | | 9/8/1990 | | 11.08 | -0.37 | 23.77 |
| | | 12/8/1990 | | 11.67 | -0.59 | 23.18 |
| | | 3/9/1991 | | 10.9 | 0.77 | 23.95 |
| | | 6/1/1991 | | 11.05 | -0.15 | 23.8 |
| | | 8/3/1991 | | 11.88 | -0.83 | 22.97 |

Notes:
TOC = top of casing
(1) Change in Water Elevation since last reported measurement
(2) Measurements Based on Mean Sea Level
NM = not measured
NA= not applicable

**Appendix B**
**Historical Groundwater Elevation Data (1983 to 2000)**
**Honeywell Inc./ Synertek Building # 1**
**3050 Coronado Drive**
**Santa Clara, California**

| WELL ID | Aquifer | MEASUREMENT_DATE | TOC ELEVATION(2) (feet) | DEPTH TO WATER (feet) | WATER ELEVATION CHANGES(1) (feet) | WATER ELEVATION(2) (feet) |
|---|---|---|---|---|---|---|
| MW-11A (cont). | A | 11/8/1991 | 34.85 | 11.79 | 0.09 | 23.06 |
| | | 3/10/1992 | | 9.69 | 2.1 | 25.16 |
| | | 5/26/1992 | | 10.65 | -0.96 | 24.2 |
| | | 8/25/1992 | | 10.29 | 0.36 | 24.56 |
| | | 11/12/1992 | | 11.63 | -1.34 | 23.22 |
| | | 2/11/1993 | | 9.47 | 2.16 | 25.38 |
| | | 5/13/1993 | | 9.82 | -0.35 | 25.03 |
| | | 8/25/1993 | | 9.47 | 0.35 | 25.38 |
| | | 11/10/1993 | | 10.04 | -0.57 | 24.81 |
| | | 2/10/1994 | | 10.32 | -0.28 | 24.53 |
| | | 5/6/1994 | | 9.23 | 1.09 | 25.62 |
| | | 9/6/1994 | | 9.05 | 0.18 | 25.8 |
| | | 11/8/1994 | | 9.53 | -0.48 | 25.32 |
| | | 2/21/1995 | | 9.23 | 0.3 | 25.62 |
| | | 5/17/1995 | | 8.28 | 0.95 | 26.57 |
| | | 8/15/1995 | | 8.82 | -0.54 | 26.03 |
| | | 11/17/1995 | | 9.85 | -1.03 | 25 |
| | | 2/12/1996 | | 8.86 | 0.99 | 25.99 |
| | | 5/22/1996 | | 8.56 | 0.3 | 26.29 |
| | | 8/18/1996 | | 9.05 | -0.49 | 25.8 |
| | | 11/6/1996 | | 9.7 | -0.65 | 25.15 |
| | | 1/20/1997 | | 7.98 | 1.72 | 26.87 |
| | | 7/22/1997 | | 9.17 | -1.19 | 25.68 |
| | | 1/20/1998 | | 8.49 | 0.68 | 26.36 |
| | | 7/14/1998 | | 8.84 | -0.35 | 26.01 |
| | | 2/1/1999 | | 8.43 | 0.41 | 26.42 |
| | | 7/12/1999 | | 8.7 | -0.27 | 26.15 |
| | | 1/4/2000 | | 9.46 | -0.76 | 25.39 |
| | | 8/28/2000 | | 8.67 | 0.79 | 26.18 |
| MW-12A | A | 5/30/1985 | 31.09 | 4.88 | NA | 26.21 |
| | | 6/6/1985 | | 4.9 | -0.02 | 26.19 |
| | | 6/13/1985 | | 4.75 | 0.15 | 26.34 |
| | | 6/20/1985 | | 4.41 | 0.34 | 26.68 |
| | | 6/27/1985 | | 4.19 | 0.22 | 26.9 |
| | | 7/4/1985 | | 4.32 | -0.13 | 26.77 |
| | | 7/11/1985 | | 4.3 | 0.02 | 26.79 |
| | | 7/18/1985 | | 4.34 | -0.04 | 26.75 |
| | | 7/25/1985 | | 4.07 | 0.27 | 27.02 |
| | | 7/31/1985 | | 4 | 0.07 | 27.09 |
| | | 8/8/1985 | | 4.09 | -0.09 | 27 |
| | | 8/15/1985 | | 4.14 | -0.05 | 26.95 |
| | | 8/22/1985 | | 4.17 | -0.03 | 26.92 |
| | | 8/29/1985 | | 4.27 | -0.1 | 26.82 |
| | | 9/4/1985 | | 4.47 | -0.2 | 26.62 |
| | | 9/11/1985 | | 4.48 | -0.01 | 26.61 |
| | | 9/18/1985 | | 4.59 | -0.11 | 26.5 |
| | | 9/25/1985 | | 4.64 | -0.05 | 26.45 |

Notes:
TOC = top of casing
(1) Change in Water Elevation since last reported measurement
(2) Measurements Based on Mean Sea Level
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NA= not applicable

**Appendix B**
**Historical Groundwater Elevation Data (1983 to 2000)**
**Honeywell Inc./ Synertek Building # 1**
**3050 Coronado Drive**
**Santa Clara, California**

| WELL ID | Aquifer | MEASUREMENT_DATE | TOC ELEVATION(2) (feet) | DEPTH TO WATER (feet) | WATER ELEVATION CHANGES(1) (feet) | WATER ELEVATION(2) (feet) |
|---|---|---|---|---|---|---|
| MW-12A (cont). | A | 12/30/1985 | 31.09 | 5.57 | -0.93 | 25.52 |
| | | 1/7/1986 | | 5.64 | -0.07 | 25.45 |
| | | 1/21/1986 | | 6.12 | -0.48 | 24.97 |
| | | 1/28/1986 | | 6.28 | -0.16 | 24.81 |
| | | 2/4/1986 | | 5.57 | 0.71 | 25.52 |
| | | 2/11/1986 | | 5.88 | -0.31 | 25.21 |
| | | 2/19/1986 | | 3.15 | 2.73 | 27.94 |
| | | 2/24/1986 | | 3.6 | -0.45 | 27.49 |
| | | 3/3/1986 | | 4.15 | -0.55 | 26.94 |
| | | 3/11/1986 | | 3.85 | 0.3 | 27.24 |
| | | 3/17/1986 | | 3.27 | 0.58 | 27.82 |
| | | 5/27/1986 | | 4.76 | -1.49 | 26.33 |
| | | 6/30/1986 | | 4.68 | 0.08 | 26.41 |
| | | 7/28/1986 | | 4.31 | 0.37 | 26.78 |
| | | 8/26/1986 | | 4.52 | -0.21 | 26.57 |
| | | 10/3/1986 | | 5.06 | -0.54 | 26.03 |
| | | 11/14/1986 | | 5.24 | -0.18 | 25.85 |
| | | 12/3/1986 | | 5.15 | 0.09 | 25.94 |
| | | 1/2/1987 | | 6.18 | -1.03 | 24.91 |
| | | 3/6/1987 | | 6.03 | 0.15 | 25.06 |
| | | 5/18/1987 | | 5.55 | 0.48 | 25.54 |
| | | 7/13/1987 | | 5 | 0.55 | 26.09 |
| | | 9/2/1987 | | 9.68 | -4.68 | 21.41 |
| | | 9/21/1987 | | 9.47 | 0.21 | 21.62 |
| | | 1/7/1988 | | 7.56 | 1.91 | 23.53 |
| | | 1/12/1988 | | 7.63 | -0.07 | 23.46 |
| | | 1/22/1988 | | 7.58 | 0.05 | 23.51 |
| | | 2/16/1988 | | 9.04 | -1.46 | 22.05 |
| | | 3/22/1988 | | 11.84 | -2.8 | 19.25 |
| | | 9/26/1988 | | 12.18 | -0.34 | 18.91 |
| | | 12/12/1988 | | 11.4 | 0.78 | 19.69 |
| | | 8/21/1989 | | 6.5 | 4.9 | 24.59 |
| | | 1/20/1997 | | 8.55 | -2.05 | 22.54 |
| | | 7/22/1997 | | 7.05 | 1.5 | 24.04 |
| | | 1/20/1998 | | 6.2 | 0.85 | 24.89 |
| | | 7/14/1998 | | 6.35 | -0.15 | 24.74 |
| | | 2/1/1999 | | 5.9 | 0.45 | 25.19 |
| | | 7/12/1999 | | 6.1 | -0.2 | 24.99 |
| | | 1/4/2000 | | 7.19 | -1.09 | 23.9 |
| | | 8/28/2000 | | 6.45 | 0.74 | 24.64 |
| MW-14A | A | 3/28/1985 | 34.06 | 7.85 | NA | 26.21 |
| | | 5/15/1985 | | 7.08 | 0.77 | 26.98 |
| | | 5/30/1985 | | 7.57 | -0.49 | 26.49 |
| | | 6/6/1985 | | 7.49 | 0.08 | 26.57 |
| | | 6/13/1985 | | 7.36 | 0.13 | 26.7 |
| | | 6/20/1985 | | 7.01 | 0.35 | 27.05 |
| | | 6/27/1985 | | 6.85 | 0.16 | 27.21 |

Notes:
TOC = top of casing
(1) Change in Water Elevation since last reported measurement
(2) Measurements Based on Mean Sea Level
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**Appendix B**
**Historical Groundwater Elevation Data (1983 to 2000)**
**Honeywell Inc./ Synertek Building # 1**
**3050 Coronado Drive**
**Santa Clara, California**

| WELL ID | Aquifer | MEASUREMENT_DATE | TOC ELEVATION(2) (feet) | DEPTH TO WATER (feet) | WATER ELEVATION CHANGES(1) (feet) | WATER ELEVATION(2) (feet) |
|---|---|---|---|---|---|---|
| MW-14A | A | 7/4/1985 | 34.06 | 6.99 | -0.14 | 27.07 |
| (cont). | | 7/11/1985 | | 7.08 | -0.09 | 26.98 |
| | | 7/18/1985 | | 6.76 | 0.32 | 27.3 |
| | | 7/25/1985 | | 6.74 | 0.02 | 27.32 |
| | | 7/31/1985 | | 6.74 | 0 | 27.32 |
| | | 8/8/1985 | | 6.74 | 0 | 27.32 |
| | | 8/15/1985 | | 6.75 | -0.01 | 27.31 |
| | | 8/22/1985 | | 6.74 | 0.01 | 27.32 |
| | | 8/29/1985 | | 6.79 | -0.05 | 27.27 |
| | | 9/4/1985 | | 7.07 | -0.28 | 26.99 |
| | | 9/11/1985 | | 7.06 | 0.01 | 27 |
| | | 9/18/1985 | | 7.13 | -0.07 | 26.93 |
| | | 9/25/1985 | | 7.15 | -0.02 | 26.91 |
| | | 12/30/1985 | | 7.93 | -0.78 | 26.13 |
| | | 1/7/1986 | | 9.17 | -1.24 | 24.89 |
| | | 1/21/1986 | | 8.6 | 0.57 | 25.46 |
| | | 1/28/1986 | | 8.78 | -0.18 | 25.28 |
| | | 2/4/1986 | | 7.97 | 0.81 | 26.09 |
| | | 2/11/1986 | | 8.38 | -0.41 | 25.68 |
| | | 2/19/1986 | | 5.55 | 2.83 | 28.51 |
| | | 2/24/1986 | | 6.06 | -0.51 | 28 |
| | | 3/3/1986 | | 6.5 | -0.44 | 27.56 |
| | | 3/11/1986 | | 6.33 | 0.17 | 27.73 |
| | | 3/17/1986 | | 5.61 | 0.72 | 28.45 |
| | | 5/27/1986 | | 7.3 | -1.69 | 26.76 |
| | | 6/30/1986 | | 6.82 | 0.48 | 27.24 |
| | | 7/28/1986 | | 6.97 | -0.15 | 27.09 |
| | | 10/3/1986 | | 6.48 | 0.49 | 27.58 |
| | | 11/14/1986 | | 7.75 | -1.27 | 26.31 |
| | | 12/3/1986 | | 8.01 | -0.26 | 26.05 |
| | | 3/6/1987 | | 8.33 | -0.32 | 25.73 |
| | | 6/2/1987 | | 8.3 | 0.03 | 25.76 |
| | | 7/2/1987 | | 9.36 | -1.06 | 24.7 |
| | | 7/13/1987 | | 9.33 | 0.03 | 24.73 |
| | | 9/2/1987 | | 9.53 | -0.2 | 24.53 |
| | | 9/21/1987 | | 9.74 | -0.21 | 24.32 |
| | | 1/7/1988 | | 10.04 | -0.3 | 24.02 |
| | | 1/12/1988 | | 10.13 | -0.09 | 23.93 |
| | | 1/22/1988 | | 9.96 | 0.17 | 24.1 |
| | | 2/16/1988 | | 10.25 | -0.29 | 23.81 |
| | | 3/22/1988 | | 10.61 | -0.36 | 23.45 |
| | | 6/24/1988 | | 9.56 | 1.05 | 24.5 |
| | | 9/26/1988 | | 9.74 | -0.18 | 24.32 |
| | | 12/12/1988 | | 10.32 | -0.58 | 23.74 |
| | | 3/29/1989 | | 10.55 | -0.23 | 23.51 |
| | | 8/21/1989 | | 8.96 | 1.59 | 25.1 |
| | | 9/28/1989 | | 8.7 | 0.26 | 25.36 |

Notes:
TOC = top of casing
(1) Change in Water Elevation since last reported measurement
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**Appendix B**
**Historical Groundwater Elevation Data (1983 to 2000)**
**Honeywell Inc./ Synertek Building # 1**
**3050 Coronado Drive**
**Santa Clara, California**

| WELL ID | Aquifer | MEASUREMENT_DATE | TOC ELEVATION(2) (feet) | DEPTH TO WATER (feet) | WATER ELEVATION CHANGES(1) (feet) | WATER ELEVATION(2) (feet) |
|---|---|---|---|---|---|---|
| MW-14A (cont). | A | 12/8/1989 | 34.06 | 9.05 | -0.35 | 25.01 |
| | | 3/8/1990 | | 10.22 | -1.17 | 23.84 |
| | | 6/8/1990 | | 9.89 | 0.33 | 24.17 |
| | | 9/8/1990 | | 10.14 | -0.25 | 23.92 |
| | | 12/8/1990 | | 10.68 | -0.54 | 23.38 |
| | | 3/9/1991 | | 10.18 | 0.5 | 23.88 |
| | | 6/1/1991 | | 10.24 | -0.06 | 23.82 |
| | | 8/3/1991 | | 11.04 | -0.8 | 23.02 |
| | | 11/8/1991 | | 11 | 0.04 | 23.06 |
| | | 3/10/1992 | | 9.39 | 1.61 | 24.67 |
| | | 5/26/1992 | | 9.98 | -0.59 | 24.08 |
| | | 8/25/1992 | | 9.48 | 0.5 | 24.58 |
| | | 11/12/1992 | | 10.9 | -1.42 | 23.16 |
| | | 2/11/1993 | | 8.83 | 2.07 | 25.23 |
| | | 5/13/1993 | | 8.82 | 0.01 | 25.24 |
| | | 8/25/1993 | | 8.75 | 0.07 | 25.31 |
| | | 11/10/1993 | | 8.76 | -0.01 | 25.3 |
| | | 2/10/1994 | | 9.52 | -0.76 | 24.54 |
| | | 5/6/1994 | | 8.37 | 1.15 | 25.69 |
| | | 9/6/1994 | | 8.18 | 0.19 | 25.88 |
| | | 11/8/1994 | | 8.48 | -0.3 | 25.58 |
| | | 2/21/1995 | | 8.37 | 0.11 | 25.69 |
| | | 5/17/1995 | | 7.5 | 0.87 | 26.56 |
| | | 8/15/1995 | | 7.83 | -0.33 | 26.23 |
| | | 11/17/1995 | | 9.02 | -1.19 | 25.04 |
| | | 2/12/1996 | | 7.98 | 1.04 | 26.08 |
| | | 5/22/1996 | | 7.64 | 0.34 | 26.42 |
| | | 8/18/1996 | | 8.19 | -0.55 | 25.87 |
| | | 11/6/1996 | | 8.76 | -0.57 | 25.3 |
| | | 1/20/1997 | | 6.9 | 1.86 | 27.16 |
| | | 7/22/1997 | | 8.16 | -1.26 | 25.9 |
| | | 1/20/1998 | | 7.5 | 0.66 | 26.56 |
| | | 7/14/1998 | | 7.64 | -0.14 | 26.42 |
| | | 2/1/1999 | | 7.51 | 0.13 | 26.55 |
| | | 7/12/1999 | | 6.55 | 0.96 | 27.51 |
| | | 1/4/2000 | | 8.66 | -2.11 | 25.4 |
| | | 8/28/2000 | | 6.84 | 1.82 | 27.22 |
| MW-15A | A | 3/28/1985 | 34.29 | 10.29 | NA | 24.00 |
| | | 5/15/1985 | | 8.40 | 1.89 | 25.89 |
| | | 5/30/1985 | | 8.45 | -0.05 | 25.84 |
| | | 6/6/1985 | | 8.38 | 0.07 | 25.91 |
| | | 6/13/1985 | | 8.27 | 0.11 | 26.02 |
| | | 6/20/1985 | | 7.99 | 0.28 | 26.3 |
| | | 6/27/1985 | | 7.63 | 0.36 | 26.66 |
| | | 7/4/1985 | | 7.83 | -0.2 | 26.46 |
| | | 7/11/1985 | | 7.90 | -0.07 | 26.39 |
| | | 7/18/1985 | | 7.55 | 0.35 | 26.74 |

Notes:
TOC = top of casing
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**Appendix B**
**Historical Groundwater Elevation Data (1983 to 2000)**
**Honeywell Inc./ Synertek Building # 1**
**3050 Coronado Drive**
**Santa Clara, California**

| WELL ID | Aquifer | MEASUREMENT_DATE | TOC ELEVATION(2) (feet) | DEPTH TO WATER (feet) | WATER ELEVATION CHANGES(1) (feet) | WATER ELEVATION(2) (feet) |
|---|---|---|---|---|---|---|
| MW-15A | A | 7/25/1985 | 34.29 | 7.55 | 0 | 26.74 |
| (cont). | | 7/31/1985 | | 6.51 | 1.04 | 27.78 |
| | | 8/8/1985 | | 7.57 | -1.06 | 26.72 |
| | | 8/15/1985 | | 7.61 | -0.04 | 26.68 |
| | | 8/22/1985 | | 7.65 | -0.04 | 26.64 |
| | | 8/29/1985 | | 7.68 | -0.03 | 26.61 |
| | | 9/4/1985 | | 7.89 | -0.21 | 26.4 |
| | | 9/11/1985 | | 7.92 | -0.03 | 26.37 |
| | | 9/18/1985 | | 8.01 | -0.09 | 26.28 |
| | | 9/25/1985 | | 8.08 | -0.07 | 26.21 |
| | | 12/30/1985 | | 9.91 | -1.83 | 24.38 |
| | | 1/7/1986 | | 9.10 | 0.81 | 25.19 |
| | | 1/21/1986 | | 9.58 | -0.48 | 24.71 |
| | | 1/28/1986 | | 9.75 | -0.17 | 24.54 |
| | | 2/4/1986 | | 8.90 | 0.85 | 25.39 |
| | | 2/11/1986 | | 9.31 | -0.41 | 24.98 |
| | | 2/19/1986 | | 6.41 | 2.9 | 27.88 |
| | | 2/24/1986 | | 7.01 | -0.6 | 27.28 |
| | | 3/3/1986 | | 7.57 | -0.56 | 26.72 |
| | | 3/11/1986 | | 7.26 | 0.31 | 27.03 |
| | | 3/17/1986 | | 6.65 | 0.61 | 27.64 |
| | | 5/27/1986 | | 8.30 | -1.65 | 25.99 |
| | | 6/30/1986 | | 8.14 | 0.16 | 26.15 |
| | | 7/28/1986 | | 7.71 | 0.43 | 26.58 |
| | | 8/26/1986 | | 8.05 | -0.34 | 26.24 |
| | | 10/3/1986 | | 8.42 | -0.37 | 25.87 |
| | | 11/14/1986 | | 8.89 | -0.47 | 25.4 |
| | | 12/3/1986 | | 8.19 | 0.7 | 26.1 |
| | | 1/2/1987 | | 9.63 | -1.44 | 24.66 |
| | | 3/6/1987 | | 9.49 | 0.14 | 24.8 |
| | | 5/18/1987 | | 8.69 | 0.8 | 25.6 |
| | | 6/2/1987 | | 9.14 | -0.45 | 25.15 |
| | | 7/2/1987 | | 10.27 | -1.13 | 24.02 |
| | | 7/13/1987 | | 10.09 | 0.18 | 24.2 |
| | | 9/2/1987 | | 10.23 | -0.14 | 24.06 |
| | | 9/21/1987 | | 10.48 | -0.25 | 23.81 |
| | | 12/18/1987 | | 10.81 | -0.33 | 23.48 |
| | | 1/7/1988 | | 10.46 | 0.35 | 23.83 |
| | | 1/12/1988 | | 10.89 | -0.43 | 23.4 |
| | | 1/22/1988 | | 10.69 | 0.2 | 23.6 |
| | | 2/16/1988 | | 11.20 | -0.51 | 23.09 |
| | | 3/22/1988 | | 11.54 | -0.34 | 22.75 |
| | | 6/24/1988 | | 10.55 | 0.99 | 23.74 |
| | | 9/26/1988 | | 10.38 | 0.17 | 23.91 |
| | | 12/12/1988 | | 11.48 | -1.1 | 22.81 |
| | | 3/29/1989 | | 11.01 | 0.47 | 23.28 |
| | | 6/23/1989 | | 10.78 | 0.23 | 23.51 |

Notes:
TOC = top of casing
(1) Change in Water Elevation since last reported measurement
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**Appendix B**
**Historical Groundwater Elevation Data (1983 to 2000)**
**Honeywell Inc./ Synertek Building # 1**
**3050 Coronado Drive**
**Santa Clara, California**

| WELL ID | Aquifer | MEASUREMENT_DATE | TOC ELEVATION(2) (feet) | DEPTH TO WATER (feet) | WATER ELEVATION CHANGES(1) (feet) | WATER ELEVATION(2) (feet) |
|---|---|---|---|---|---|---|
| MW-15A (cont). | A | 8/21/1989 | 34.29 | 10.02 | 0.76 | 24.27 |
| | | 9/28/1989 | | 9.66 | 0.36 | 24.63 |
| | | 12/8/1989 | | 9.99 | -0.33 | 24.3 |
| | | 3/8/1990 | | 11.10 | -1.11 | 23.19 |
| | | 6/8/1990 | | 10.71 | 0.39 | 23.58 |
| | | 9/8/1990 | | 10.91 | -0.2 | 23.38 |
| | | 12/8/1990 | | 11.65 | -0.74 | 22.64 |
| | | 3/9/1991 | | 10.91 | 0.74 | 23.38 |
| | | 6/1/1991 | | 11.41 | -0.5 | 22.88 |
| | | 8/3/1991 | | 11.91 | -0.5 | 22.38 |
| | | 11/8/1991 | | 12.00 | -0.09 | 22.29 |
| | | 3/10/1992 | | 10.15 | 1.85 | 24.14 |
| | | 5/26/1992 | | 10.97 | -0.82 | 23.32 |
| | | 8/25/1992 | | 10.39 | 0.58 | 23.9 |
| | | 11/12/1992 | | 11.85 | -1.46 | 22.44 |
| | | 2/11/1993 | | 9.55 | 2.3 | 24.74 |
| | | 5/13/1993 | | 10.12 | -0.57 | 24.17 |
| | | 8/25/1993 | | 10.03 | 0.09 | 24.26 |
| | | 11/10/1993 | | 10.32 | -0.29 | 23.97 |
| | | 2/10/1994 | | 10.38 | -0.06 | 23.91 |
| | | 5/6/1994 | | 9.32 | 1.06 | 24.97 |
| | | 9/6/1994 | | 9.18 | 0.14 | 25.11 |
| | | 11/8/1994 | | 9.58 | -0.4 | 24.71 |
| | | 2/21/1995 | | 9.32 | 0.26 | 24.97 |
| | | 5/17/1995 | | 8.28 | 1.04 | 26.01 |
| | | 8/15/1995 | | 8.88 | -0.6 | 25.41 |
| | | 11/22/1995 | | 9.67 | -0.79 | 24.62 |
| | | 2/12/1996 | | 9.05 | 0.62 | 25.24 |
| | | 5/22/1996 | | 8.45 | 0.6 | 25.84 |
| | | 8/18/1996 | | 9.16 | -0.71 | 25.13 |
| | | 11/6/1996 | | 9.38 | -0.22 | 24.91 |
| | | 1/20/1997 | | 8.55 | 0.83 | 25.74 |
| | | 7/22/1997 | | 8.90 | -0.35 | 25.39 |
| | | 1/20/1998 | | 8.46 | 0.44 | 25.83 |
| | | 7/14/1998 | | 8.60 | -0.14 | 25.69 |
| | | 2/1/1999 | | 8.43 | 0.17 | 25.86 |
| | | 7/12/1999 | | 8.85 | -0.42 | 25.44 |
| | | 1/4/2000 | | 9.60 | -0.75 | 24.69 |
| | | 8/28/2000 | | 8.40 | 1.2 | 25.89 |
| MW-17A | A | 12/30/1985 | 34.41 | 8.62 | NA | 25.79 |
| | | 1/7/1986 | | 9.31 | -0.69 | 25.1 |
| | | 1/21/1986 | | 9.67 | -0.36 | 24.74 |
| | | 1/28/1986 | | 9.88 | -0.21 | 24.53 |
| | | 2/4/1986 | | 9.37 | 0.51 | 25.04 |
| | | 2/11/1986 | | 9.5 | -0.13 | 24.91 |
| | | 2/19/1986 | | 7.25 | 2.25 | 27.16 |
| | | 2/24/1986 | | 7.31 | -0.06 | 27.1 |

Notes:
TOC = top of casing
(1) Change in Water Elevation since last reported measurement
(2) Measurements Based on Mean Sea Level
NM = not measured
NA= not applicable

**Appendix B**
**Historical Groundwater Elevation Data (1983 to 2000)**
**Honeywell Inc./ Synertek Building # 1**
**3050 Coronado Drive**
**Santa Clara, California**

| WELL ID | Aquifer | MEASUREMENT_DATE | TOC ELEVATION(2) (feet) | DEPTH TO WATER (feet) | WATER ELEVATION CHANGES(1) (feet) | WATER ELEVATION(2) (feet) |
|---|---|---|---|---|---|---|
| MW-17A | A | 3/3/1986 | 34.41 | 7.86 | -0.55 | 26.55 |
| (cont). | | 3/11/1986 | | 7.65 | 0.21 | 26.76 |
| | | 3/17/1986 | | 7.12 | 0.53 | 27.29 |
| | | 5/27/1986 | | 8.53 | -1.41 | 25.88 |
| | | 6/30/1986 | | 8.08 | 0.45 | 26.33 |
| | | 7/28/1986 | | 7.66 | 0.42 | 26.75 |
| | | 8/26/1986 | | 7.97 | -0.31 | 26.44 |
| | | 10/3/1986 | | 7.69 | 0.28 | 26.72 |
| | | 11/14/1986 | | 8.99 | -1.3 | 25.42 |
| | | 12/3/1986 | | 8.63 | 0.36 | 25.78 |
| | | 1/2/1987 | | 9.76 | -1.13 | 24.65 |
| | | 3/6/1987 | | 9.49 | 0.27 | 24.92 |
| | | 5/18/1987 | | 8.89 | 0.6 | 25.52 |
| | | 6/2/1987 | | 9.17 | -0.28 | 25.24 |
| | | 7/2/1987 | | 9.98 | -0.81 | 24.43 |
| | | 7/13/1987 | | 10.32 | -0.34 | 24.09 |
| | | 9/2/1987 | | 10.3 | 0.02 | 24.11 |
| | | 9/21/1987 | | 10.44 | -0.14 | 23.97 |
| | | 1/7/1988 | | 10.92 | -0.48 | 23.49 |
| | | 1/12/1988 | | 11.11 | -0.19 | 23.3 |
| | | 1/22/1988 | | 10.93 | 0.18 | 23.48 |
| | | 3/22/1988 | | 11.24 | -0.31 | 23.17 |
| | | 6/24/1988 | | 10.67 | 0.57 | 23.74 |
| | | 12/12/1988 | | 11.67 | -1 | 22.74 |
| | | 3/29/1989 | | 11.74 | -0.07 | 22.67 |
| | | 6/23/1989 | | 10.98 | 0.76 | 23.43 |
| | | 8/21/1989 | | 9.95 | 1.03 | 24.46 |
| | | 9/28/1989 | | 9.72 | 0.23 | 24.69 |
| | | 12/8/1989 | | 10.29 | -0.57 | 24.12 |
| | | 3/8/1990 | | 11.15 | -0.86 | 23.26 |
| | | 6/8/1990 | | 10.94 | 0.21 | 23.47 |
| | | 9/8/1990 | | 11.2 | -0.26 | 23.21 |
| | | 12/8/1990 | | 11.55 | -0.35 | 22.86 |
| | | 3/9/1991 | | 10.95 | 0.6 | 23.46 |
| | | 6/1/1991 | | 11.62 | -0.67 | 22.79 |
| | | 8/3/1991 | | 11.98 | -0.36 | 22.43 |
| | | 11/8/1991 | | 12.21 | -0.23 | 22.2 |
| | | 3/10/1992 | | 9.8 | 2.41 | 24.61 |
| | | 5/26/1992 | | 2.05 | 7.75 | 32.36 |
| | | 8/25/1992 | | 10.5 | -8.45 | 23.91 |
| | | 11/12/1992 | | 11.95 | -1.45 | 22.46 |
| | | 2/11/1993 | | 9.54 | 2.41 | 24.87 |
| | | 5/13/1993 | | 10.22 | -0.68 | 24.19 |
| | | 8/25/1993 | | 9.98 | 0.24 | 24.43 |
| | | 11/10/1993 | | 10.48 | -0.5 | 23.93 |
| | | 2/10/1994 | | 10.53 | -0.05 | 23.88 |
| | | 5/6/1994 | | 9.52 | 1.01 | 24.89 |

Notes:
TOC = top of casing
(1) Change in Water Elevation since last reported measurement
(2) Measurements Based on Mean Sea Level
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**Appendix B**
**Historical Groundwater Elevation Data (1983 to 2000)**
**Honeywell Inc./ Synertek Building # 1**
**3050 Coronado Drive**
**Santa Clara, California**

| WELL ID | Aquifer | MEASUREMENT_DATE | TOC ELEVATION(2) (feet) | DEPTH TO WATER (feet) | WATER ELEVATION CHANGES(1) (feet) | WATER ELEVATION(2) (feet) |
|---|---|---|---|---|---|---|
| MW-17A (cont). | A | 9/6/1994 | 34.41 | 9.22 | 0.3 | 25.19 |
| | | 11/8/1994 | | 9.83 | -0.61 | 24.58 |
| | | 2/21/1995 | | 9.52 | 0.31 | 24.89 |
| | | 5/17/1995 | | 8.52 | 1 | 25.89 |
| | | 8/15/1995 | | 9.12 | -0.6 | 25.29 |
| | | 11/17/1995 | | 10.13 | -1.01 | 24.28 |
| | | 2/12/1996 | | 9.15 | 0.98 | 25.26 |
| | | 5/22/1996 | | 8.64 | 0.51 | 25.77 |
| | | 8/18/1996 | | 9.47 | -0.83 | 24.94 |
| | | 11/6/1996 | | 9.8 | -0.33 | 24.61 |
| | | 1/20/1997 | | 8.25 | 1.55 | 26.16 |
| | | 7/22/1997 | | 9.35 | -1.1 | 25.06 |
| | | 1/20/1998 | | 8.76 | 0.59 | 25.65 |
| | | 7/14/1998 | | 9.05 | -0.29 | 25.36 |
| | | 2/1/1999 | | 8.63 | 0.42 | 25.78 |
| | | 7/12/1999 | | 8.8 | -0.17 | 25.61 |
| | | 1/4/2000 | | 9.7 | -0.9 | 24.71 |
| | | 8/28/2000 | | 8.7 | 1 | 25.71 |
| MW-18A | A | 12/30/1985 | 34.82 | 9.62 | NA | 25.2 |
| | | 1/7/1986 | | 9.68 | -0.06 | 25.14 |
| | | 1/21/1986 | | 10.12 | -0.44 | 24.7 |
| | | 1/28/1986 | | 10.27 | -0.15 | 24.55 |
| | | 2/4/1986 | | 9.68 | 0.59 | 25.14 |
| | | 2/11/1986 | | 9.89 | -0.21 | 24.93 |
| | | 2/19/1986 | | 7.37 | 2.52 | 27.45 |
| | | 2/24/1986 | | 7.77 | -0.4 | 27.05 |
| | | 3/3/1986 | | 8.27 | -0.5 | 26.55 |
| | | 3/11/1986 | | 8.01 | 0.26 | 26.81 |
| | | 3/17/1986 | | 7.39 | 0.62 | 27.43 |
| | | 5/27/1986 | | 8.91 | -1.52 | 25.91 |
| | | 8/26/1986 | | 8.64 | 0.27 | 26.18 |
| | | 10/3/1986 | | 9.03 | -0.39 | 25.79 |
| | | 11/14/1986 | | 9.32 | -0.29 | 25.5 |
| | | 12/3/1986 | | 9.16 | 0.16 | 25.66 |
| | | 1/2/1987 | | 10.11 | -0.95 | 24.71 |
| | | 6/2/1987 | | 9.58 | 0.53 | 25.24 |
| | | 7/13/1987 | | 10.1 | -0.52 | 24.72 |
| | | 9/2/1987 | | 10.24 | -0.14 | 24.58 |
| | | 9/21/1987 | | 10.5 | -0.26 | 24.32 |
| | | 12/18/1987 | | 11.07 | -0.57 | 23.75 |
| | | 1/7/1988 | | 11.32 | -0.25 | 23.5 |
| | | 1/12/1988 | | 11.4 | -0.08 | 23.42 |
| | | 1/22/1988 | | 11.12 | 0.28 | 23.7 |
| | | 2/16/1988 | | 11.55 | -0.43 | 23.27 |
| | | 3/22/1988 | | 11.69 | -0.14 | 23.13 |
| | | 6/24/1988 | | 10.83 | 0.86 | 23.99 |
| | | 9/26/1988 | | 10.59 | 0.24 | 24.23 |

Notes:
TOC = top of casing
(1) Change in Water Elevation since last reported measurement
(2) Measurements Based on Mean Sea Level
NM = not measured
NA= not applicable

**Appendix B**
**Historical Groundwater Elevation Data (1983 to 2000)**
**Honeywell Inc./ Synertek Building # 1**
**3050 Coronado Drive**
**Santa Clara, California**

| WELL ID | Aquifer | MEASUREMENT_DATE | TOC ELEVATION[2] (feet) | DEPTH TO WATER (feet) | WATER ELEVATION CHANGES[1] (feet) | WATER ELEVATION[2] (feet) |
|---|---|---|---|---|---|---|
| MW-18A (cont). | A | 12/12/1988 | 34.82 | 11.8 | -1.21 | 23.02 |
| | | 3/29/1989 | | 11.75 | 0.05 | 23.07 |
| | | 6/23/1989 | | 11.11 | 0.64 | 23.71 |
| | | 8/21/1989 | | 10.16 | 0.95 | 24.66 |
| | | 9/28/1989 | | 10.08 | 0.08 | 24.74 |
| | | 12/8/1989 | | 10.63 | -0.55 | 24.19 |
| | | 3/8/1990 | | 11.37 | -0.74 | 23.45 |
| | | 6/8/1990 | | 11 | 0.37 | 23.82 |
| | | 9/8/1990 | | 11.2 | -0.2 | 23.62 |
| | | 12/8/1990 | | 11.8 | -0.6 | 23.02 |
| | | 3/9/1991 | | 11 | 0.8 | 23.82 |
| | | 6/1/1991 | | 11.51 | -0.51 | 23.31 |
| | | 8/3/1991 | | 11.95 | -0.44 | 22.87 |
| | | 11/8/1991 | | 11.93 | 0.02 | 22.89 |
| | | 3/10/1992 | | 10.15 | 1.78 | 24.67 |
| | | 5/26/1992 | | 10.95 | -0.8 | 23.87 |
| | | 8/25/1992 | | 10.59 | 0.36 | 24.23 |
| | | 11/12/1992 | | 11.81 | -1.22 | 23.01 |
| | | 2/11/1993 | | 9.85 | 1.96 | 24.97 |
| | | 5/13/1993 | | 10.25 | -0.4 | 24.57 |
| | | 8/25/1993 | | 9.89 | 0.36 | 24.93 |
| | | 11/10/1993 | | 10.57 | -0.68 | 24.25 |
| | | 2/10/1994 | | 10.15 | 0.42 | 24.67 |
| | | 5/6/1994 | | 9.76 | 0.39 | 25.06 |
| | | 9/6/1994 | | 9.47 | 0.29 | 25.35 |
| | | 2/21/1995 | | 9.76 | -0.29 | 25.06 |
| | | 5/17/1995 | | 8.72 | 1.04 | 26.1 |
| | | 8/15/1995 | | 9.32 | -0.6 | 25.5 |
| | | 11/17/1995 | | 10.35 | -1.03 | 24.47 |
| | | 2/12/1996 | | 9.47 | 0.88 | 25.35 |
| | | 5/22/1996 | | 8.85 | 0.62 | 25.97 |
| | | 8/18/1996 | | 9.64 | -0.79 | 25.18 |
| | | 11/6/1996 | | 10.05 | -0.41 | 24.77 |
| | | 1/20/1997 | | 8.64 | 1.41 | 26.18 |
| | | 7/22/1997 | | 9.55 | -0.91 | 25.27 |
| | | 1/20/1998 | | 9 | 0.55 | 25.82 |
| | | 7/14/1998 | | 9.29 | -0.29 | 25.53 |
| | | 2/1/1999 | | 8.99 | 0.3 | 25.83 |
| | | 7/12/1999 | | 9.1 | -0.11 | 25.72 |
| | | 1/4/2000 | | 9.93 | -0.83 | 24.89 |
| | | 8/28/2000 | | 9.2 | 0.73 | 25.62 |
| MW-19A | A | 12/30/1985 | 34.85 | 9.88 | NA | 24.97 |
| | | 1/7/1986 | | 9.64 | 0.24 | 25.21 |
| | | 1/21/1986 | | 10.11 | -0.47 | 24.74 |
| | | 1/28/1986 | | 10.28 | -0.17 | 24.57 |
| | | 2/4/1986 | | 8.57 | 1.71 | 26.28 |
| | | 2/11/1986 | | 9.87 | -1.3 | 24.98 |

Notes:
TOC = top of casing
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**Appendix B**
**Historical Groundwater Elevation Data (1983 to 2000)**
**Honeywell Inc./ Synertek Building # 1**
**3050 Coronado Drive**
**Santa Clara, California**

| WELL ID | Aquifer | MEASUREMENT_DATE | TOC ELEVATION(2) (feet) | DEPTH TO WATER (feet) | WATER ELEVATION CHANGES(1) (feet) | WATER ELEVATION(2) (feet) |
|---|---|---|---|---|---|---|
| MW-19A | A | 2/19/1986 | 34.85 | 7.22 | 2.65 | 27.63 |
| (cont). | | 2/24/1986 | | 7.61 | -0.39 | 27.24 |
| | | 3/3/1986 | | 8.16 | -0.55 | 26.69 |
| | | 3/11/1986 | | 7.86 | 0.3 | 26.99 |
| | | 3/17/1986 | | 7.27 | 0.59 | 27.58 |
| | | 5/27/1986 | | 8.95 | -1.68 | 25.9 |
| | | 6/30/1986 | | 8.66 | 0.29 | 26.19 |
| | | 7/28/1986 | | 8.23 | 0.43 | 26.62 |
| | | 8/26/1986 | | 8.6 | -0.37 | 26.25 |
| | | 10/3/1986 | | 9.02 | -0.42 | 25.83 |
| | | 11/14/1986 | | 9.35 | -0.33 | 25.5 |
| | | 12/3/1986 | | 9.02 | 0.33 | 25.83 |
| | | 1/2/1987 | | 10.08 | -1.06 | 24.77 |
| | | 3/6/1987 | | 10 | 0.08 | 24.85 |
| | | 5/18/1987 | | 9.43 | 0.57 | 25.42 |
| | | 6/2/1987 | | 9.97 | -0.54 | 24.88 |
| | | 7/2/1987 | | 10.78 | -0.81 | 24.07 |
| | | 7/13/1987 | | 12.01 | -1.23 | 22.84 |
| | | 9/2/1987 | | 11 | 1.01 | 23.85 |
| | | 9/21/1987 | | 11.08 | -0.08 | 23.77 |
| | | 1/7/1988 | | 11.39 | -0.31 | 23.46 |
| | | 1/12/1988 | | 11.45 | -0.06 | 23.4 |
| | | 1/22/1988 | | 11.32 | 0.13 | 23.53 |
| | | 2/16/1988 | | 12.1 | -0.78 | 22.75 |
| | | 3/22/1988 | | 12.47 | -0.37 | 22.38 |
| | | 6/24/1988 | | 11.16 | 1.31 | 23.69 |
| | | 9/26/1988 | | 11.02 | 0.14 | 23.83 |
| | | 12/12/1988 | | 12.34 | -1.32 | 22.51 |
| | | 3/29/1989 | | 12.21 | 0.13 | 22.64 |
| | | 6/23/1989 | | 11.38 | 0.83 | 23.47 |
| | | 8/21/1989 | | 10.43 | 0.95 | 24.42 |
| | | 9/28/1989 | | 10.17 | 0.26 | 24.68 |
| | | 12/8/1989 | | 10.55 | -0.38 | 24.3 |
| | | 3/8/1990 | | 11.51 | -0.96 | 23.34 |
| | | 6/8/1990 | | 11.38 | 0.13 | 23.47 |
| | | 9/8/1990 | | 11.71 | -0.33 | 23.14 |
| | | 12/8/1990 | | 11.91 | -0.2 | 22.94 |
| | | 3/9/1991 | | 11.43 | 0.48 | 23.42 |
| | | 6/1/1991 | | 12.21 | -0.78 | 22.64 |
| | | 8/3/1991 | | 12.59 | -0.38 | 22.26 |
| | | 11/8/1991 | | 12.81 | -0.22 | 22.04 |
| | | 5/26/1992 | | 11.65 | 1.16 | 23.2 |
| | | 8/25/1992 | | 11.01 | 0.64 | 23.84 |
| | | 11/12/1992 | | 12.55 | -1.54 | 22.3 |
| | | 2/11/1993 | | 10.18 | 2.37 | 24.67 |
| | | 5/13/1993 | | 6.82 | 3.36 | 28.03 |
| | | 8/25/1993 | | 10.67 | -3.85 | 24.18 |

Notes:
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**Appendix B**
**Historical Groundwater Elevation Data (1983 to 2000)**
**Honeywell Inc./ Synertek Building # 1**
**3050 Coronado Drive**
**Santa Clara, California**

| WELL ID | Aquifer | MEASUREMENT_DATE | TOC ELEVATION(2) (feet) | DEPTH TO WATER (feet) | WATER ELEVATION CHANGES(1) (feet) | WATER ELEVATION(2) (feet) |
|---|---|---|---|---|---|---|
| MW-19A | A | 11/10/1993 | 34.85 | 10.47 | 0.2 | 24.38 |
| (cont). | | 2/10/1994 | | 11.03 | -0.56 | 23.82 |
| | | 5/6/1994 | | 9.97 | 1.06 | 24.88 |
| | | 9/6/1994 | | 9.72 | 0.25 | 25.13 |
| | | 11/8/1994 | | 10.18 | -0.46 | 24.67 |
| | | 2/21/1995 | | 9.97 | 0.21 | 24.88 |
| | | 5/17/1995 | | 9.05 | 0.92 | 25.8 |
| | | 8/15/1995 | | 9.52 | -0.47 | 25.33 |
| | | 11/17/1995 | | 10.63 | -1.11 | 24.22 |
| | | 2/12/1996 | | 9.65 | 0.98 | 25.2 |
| | | 5/22/1996 | | 9.04 | 0.61 | 25.81 |
| | | 8/18/1996 | | 9.93 | -0.89 | 24.92 |
| | | 11/6/1996 | | 10.15 | -0.22 | 24.7 |
| | | 1/20/1997 | | 8.47 | 1.68 | 26.38 |
| | | 7/22/1997 | | 9.61 | -1.14 | 25.24 |
| | | 1/20/1998 | | 19.03 | -9.42 | 15.82 |
| | | 7/14/1998 | | 9.26 | 9.77 | 25.59 |
| | | 2/1/1999 | | 8.94 | 0.32 | 25.91 |
| | | 7/12/1999 | | 9.3 | -0.36 | 25.55 |
| | | 1/4/2000 | | 10.1 | -0.8 | 24.75 |
| | | 8/28/2000 | | 9.27 | 0.83 | 25.58 |
| MW-21A | A | 12/30/1985 | 33.64 | 7.69 | NA | 25.95 |
| | | 1/7/1986 | | 7.59 | 0.1 | 26.05 |
| | | 1/21/1986 | | 7.97 | -0.38 | 25.67 |
| | | 1/28/1986 | | 8.15 | -0.18 | 25.49 |
| | | 2/4/1986 | | 7.61 | 0.54 | 26.03 |
| | | 2/11/1986 | | 7.78 | -0.17 | 25.86 |
| | | 2/19/1986 | | 5.35 | 2.43 | 28.29 |
| | | 2/24/1986 | | 5.4 | -0.05 | 28.24 |
| | | 3/3/1986 | | 5.88 | -0.48 | 27.76 |
| | | 3/11/1986 | | 5.88 | 0 | 27.76 |
| | | 3/17/1986 | | 5.04 | 0.84 | 28.6 |
| | | 5/27/1986 | | 6.85 | -1.81 | 26.79 |
| | | 6/30/1986 | | 6.75 | 0.1 | 26.89 |
| | | 7/28/1986 | | 6.45 | 0.3 | 27.19 |
| | | 8/26/1986 | | 6.52 | -0.07 | 27.12 |
| | | 10/3/1986 | | 7.02 | -0.5 | 26.62 |
| | | 11/14/1986 | | 7.12 | -0.1 | 26.52 |
| | | 12/3/1986 | | 7.39 | -0.27 | 26.25 |
| | | 1/2/1987 | | 7.98 | -0.59 | 25.66 |
| | | 3/6/1987 | | 7.93 | 0.05 | 25.71 |
| | | 5/18/1987 | | 7.6 | 0.33 | 26.04 |
| | | 6/2/1987 | | 8.87 | -1.27 | 24.77 |
| | | 7/2/1987 | | 10.43 | -1.56 | 23.21 |
| | | 7/13/1987 | | 10.41 | 0.02 | 23.23 |
| | | 9/2/1987 | | 10.54 | -0.13 | 23.1 |
| | | 9/21/1987 | | 11 | -0.46 | 22.64 |

Notes:
TOC = top of casing
(1) Change in Water Elevation since last reported measurement
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NA= not applicable

**Appendix B**
**Historical Groundwater Elevation Data (1983 to 2000)**
**Honeywell Inc./ Synertek Building # 1**
**3050 Coronado Drive**
**Santa Clara, California**

| WELL ID | Aquifer | MEASUREMENT_DATE | TOC ELEVATION[2] (feet) | DEPTH TO WATER (feet) | WATER ELEVATION CHANGES[1] (feet) | WATER ELEVATION[2] (feet) |
|---|---|---|---|---|---|---|
| MW-21A | A | 1/7/1988 | 33.64 | 11.52 | -0.52 | 22.12 |
| (cont). | | 1/12/1988 | | 10.82 | 0.7 | 22.82 |
| | | 1/22/1988 | | 11.42 | -0.6 | 22.22 |
| | | 2/16/1988 | | 11.6 | -0.18 | 22.04 |
| | | 3/22/1988 | | 12.61 | -1.01 | 21.03 |
| | | 6/24/1988 | | 9.76 | 2.85 | 23.88 |
| | | 9/26/1988 | | 11.56 | -1.8 | 22.08 |
| | | 12/12/1988 | | 10.36 | 1.2 | 23.28 |
| | | 3/29/1989 | | 10.91 | -0.55 | 22.73 |
| | | 8/21/1989 | | 8.49 | 2.42 | 25.15 |
| | | 9/28/1989 | | 8.15 | 0.34 | 25.49 |
| | | 12/8/1989 | | 8.57 | -0.42 | 25.07 |
| | | 3/8/1990 | | 10.7 | -2.13 | 22.94 |
| | | 6/8/1990 | | 9.93 | 0.77 | 23.71 |
| | | 9/8/1990 | | 10.54 | -0.61 | 23.1 |
| | | 12/8/1990 | | 10.36 | 0.18 | 23.28 |
| | | 3/9/1991 | | 10.21 | 0.15 | 23.43 |
| | | 6/1/1991 | | 9.79 | 0.42 | 23.85 |
| | | 8/3/1991 | | 11.33 | -1.54 | 22.31 |
| | | 11/8/1991 | | 13.21 | -1.88 | 20.43 |
| | | 3/10/1992 | | 9.92 | 3.29 | 23.72 |
| | | 5/26/1992 | | 9.58 | 0.34 | 24.06 |
| | | 8/25/1992 | | 8.89 | 0.69 | 24.75 |
| | | 11/12/1992 | | 10.9 | -2.01 | 22.74 |
| | | 2/11/1993 | | 8.52 | 2.38 | 25.12 |
| | | 5/13/1993 | | 8.38 | 0.14 | 25.26 |
| | | 8/25/1993 | | 8.46 | -0.08 | 25.18 |
| | | 11/10/1993 | | 8.38 | 0.08 | 25.26 |
| | | 2/10/1994 | | 9.34 | -0.96 | 24.3 |
| | | 5/6/1994 | | 7.96 | 1.38 | 25.68 |
| | | 9/6/1994 | | 7.81 | 0.15 | 25.83 |
| | | 11/8/1994 | | 8.12 | -0.31 | 25.52 |
| | | 2/21/1995 | | 7.96 | 0.16 | 25.68 |
| | | 5/17/1995 | | 6.82 | 1.14 | 26.82 |
| | | 8/15/1995 | | 7.42 | -0.6 | 26.22 |
| | | 11/17/1995 | | 8.49 | -1.07 | 25.15 |
| | | 2/12/1996 | | 7.42 | 1.07 | 26.22 |
| | | 5/22/1996 | | 7.41 | 0.01 | 26.23 |
| | | 8/18/1996 | | 7.62 | -0.21 | 26.02 |
| | | 11/6/1996 | | 8.64 | -1.02 | 25 |
| | | 1/20/1997 | | 6.45 | 2.19 | 27.19 |
| | | 7/22/1997 | | 7.92 | -1.47 | 25.72 |
| | | 1/20/1998 | | 7.1 | 0.82 | 26.54 |
| | | 7/14/1998 | | 7.57 | -0.47 | 26.07 |
| | | 2/1/1999 | | 7.06 | 0.51 | 26.58 |
| | | 7/12/1999 | | 7.6 | -0.54 | 26.04 |
| | | 1/4/2000 | | 8.25 | -0.65 | 25.39 |

Notes:
TOC = top of casing
(1) Change in Water Elevation since last reported measurement
(2) Measurements Based on Mean Sea Level
NM = not measured
NA= not applicable

**Appendix B**
**Historical Groundwater Elevation Data (1983 to 2000)**
**Honeywell Inc./ Synertek Building # 1**
**3050 Coronado Drive**
**Santa Clara, California**

| WELL ID | Aquifer | MEASUREMENT_DATE | TOC ELEVATION[2] (feet) | DEPTH TO WATER (feet) | WATER ELEVATION CHANGES[1] (feet) | WATER ELEVATION[2] (feet) |
|---|---|---|---|---|---|---|
| MW-21A | A | 8/28/2000 | 33.64 | 7.4 | NA | 26.24 |
| MW-24A | A | 3/6/1987 | 34.81 | 10.62 | NA | 24.19 |
| | | 5/18/1987 | | 10.21 | 0.41 | 24.6 |
| | | 6/2/1987 | | 10.1 | 0.11 | 24.71 |
| | | 7/2/1987 | | 10.29 | -0.19 | 24.52 |
| | | 7/13/1987 | | 10.45 | -0.16 | 24.36 |
| | | 9/2/1987 | | 10.43 | 0.02 | 24.38 |
| | | 9/21/1987 | | 10.74 | -0.31 | 24.07 |
| | | 1/7/1988 | | 11.69 | -0.95 | 23.12 |
| | | 1/12/1988 | | 11.8 | -0.11 | 23.01 |
| | | 1/22/1988 | | 11.56 | 0.24 | 23.25 |
| | | 2/16/1988 | | 11.85 | -0.29 | 22.96 |
| | | 3/22/1988 | | 12.01 | -0.16 | 22.8 |
| | | 6/24/1988 | | 11.29 | 0.72 | 23.52 |
| | | 9/26/1988 | | 11.31 | -0.02 | 23.5 |
| | | 12/12/1988 | | 12.07 | -0.76 | 22.74 |
| | | 3/29/1989 | | 21.19 | -9.12 | 13.62 |
| | | 8/21/1989 | | 10.69 | 10.5 | 24.12 |
| | | 9/28/1989 | | 11.76 | -1.07 | 23.05 |
| | | 12/8/1989 | | 11.29 | 0.47 | 23.52 |
| | | 3/8/1990 | | 11.83 | -0.54 | 22.98 |
| | | 6/8/1990 | | 11.33 | 0.5 | 23.48 |
| | | 9/8/1990 | | 11.67 | -0.34 | 23.14 |
| | | 12/8/1990 | | 12.03 | -0.36 | 22.78 |
| | | 3/9/1991 | | 11.6 | 0.43 | 23.21 |
| | | 6/1/1991 | | 11.96 | -0.36 | 22.85 |
| | | 8/3/1991 | | 12.15 | -0.19 | 22.66 |
| | | 11/8/1991 | | 12.31 | -0.16 | 22.5 |
| | | 3/10/1992 | | 10.82 | 1.49 | 23.99 |
| | | 5/26/1992 | | 11.35 | -0.53 | 23.46 |
| | | 8/25/1992 | | 11.15 | 0.2 | 23.66 |
| | | 11/12/1992 | | 11.92 | -0.77 | 22.89 |
| | | 2/11/1993 | | 10.28 | 1.64 | 24.53 |
| | | 5/13/1993 | | 10.58 | -0.3 | 24.23 |
| | | 8/25/1993 | | 10.39 | 0.19 | 24.42 |
| | | 11/10/1993 | | 10.68 | -0.29 | 24.13 |
| | | 2/10/1994 | | 10.67 | 0.01 | 24.14 |
| | | 5/6/1994 | | 10.19 | 0.48 | 24.62 |
| | | 9/6/1994 | | 10.02 | 0.17 | 24.79 |

Notes:
TOC = top of casing
(1) Change in Water Elevation since last reported measurement
(2) Measurements Based on Mean Sea Level
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NA= not applicable

**Appendix B**
**Historical Groundwater Elevation Data (1983 to 2000)**
**Honeywell Inc./ Synertek Building # 1**
**3050 Coronado Drive**
**Santa Clara, California**

| WELL ID | Aquifer | MEASUREMENT_DATE | TOC ELEVATION(2) (feet) | DEPTH TO WATER (feet) | WATER ELEVATION CHANGES(1) (feet) | WATER ELEVATION(2) (feet) |
|---|---|---|---|---|---|---|
| MW-24A (cont). | A | 11/8/1994 | 34.81 | 10.68 | -0.66 | 24.13 |
| | | 2/21/1995 | | 10.19 | 0.49 | 24.62 |
| | | 5/17/1995 | | 9.03 | 1.16 | 25.78 |
| | | 8/15/1995 | | 9.73 | -0.7 | 25.08 |
| | | 11/17/1995 | | 10.84 | -1.11 | 23.97 |
| | | 2/12/1996 | | 10.02 | 0.82 | 24.79 |
| | | 5/22/1996 | | 9.46 | 0.56 | 25.35 |
| | | 8/18/1996 | | 10.28 | -0.82 | 24.53 |
| | | 11/6/1996 | | 10.59 | -0.31 | 24.22 |
| | | 1/20/1997 | | 9.31 | 1.28 | 25.5 |
| | | 7/22/1997 | | 10.15 | -0.84 | 24.66 |
| | | 1/20/1998 | | 9.7 | 0.45 | 25.11 |
| | | 7/14/1998 | | 9.9 | -0.2 | 24.91 |
| | | 2/1/1999 | | 9.6 | 0.3 | 25.21 |
| | | 7/12/1999 | | 9.8 | -0.2 | 25.01 |
| | | 1/4/2000 | | 11.5 | -1.7 | 23.31 |
| MW-25A | A | 3/6/1987 | 34.29 | 10.5 | NA | 23.79 |
| | | 5/18/1987 | | 10.24 | 0.26 | 24.05 |
| | | 6/2/1987 | | 10.16 | 0.08 | 24.13 |
| | | 7/2/1987 | | 10.82 | -0.66 | 23.47 |
| | | 7/13/1987 | | 10.83 | -0.01 | 23.46 |
| | | 9/2/1987 | | 10.79 | 0.04 | 23.5 |
| | | 9/21/1987 | | 10.97 | -0.18 | 23.32 |
| | | 12/18/1987 | | 11.61 | -0.64 | 22.68 |
| | | 1/7/1988 | | 11.65 | -0.04 | 22.64 |
| | | 1/12/1988 | | 11.82 | -0.17 | 22.47 |
| | | 1/22/1988 | | 11.52 | 0.3 | 22.77 |
| | | 2/16/1988 | | 11.95 | -0.43 | 22.34 |
| | | 3/22/1988 | | 12.08 | -0.13 | 22.21 |
| | | 6/24/1988 | | 11.53 | 0.55 | 22.76 |
| | | 9/26/1988 | | 11.33 | 0.2 | 22.96 |
| | | 12/12/1988 | | 12.14 | -0.81 | 22.15 |
| | | 3/29/1989 | | 12.35 | -0.21 | 21.94 |
| | | 6/23/1989 | | 12.02 | 0.33 | 22.27 |
| | | 8/21/1989 | | 11.43 | 0.59 | 22.86 |
| | | 9/28/1989 | | 11.01 | 0.42 | 23.28 |
| | | 12/8/1989 | | 11.45 | -0.44 | 22.84 |
| | | 3/8/1990 | | 12.03 | -0.58 | 22.26 |
| | | 6/8/1990 | | 22.62 | -10.59 | 11.67 |

Notes:
TOC = top of casing
(1) Change in Water Elevation since last reported measurement
(2) Measurements Based on Mean Sea Level
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NA= not applicable

**Appendix B**
**Historical Groundwater Elevation Data (1983 to 2000)**
**Honeywell Inc./ Synertek Building # 1**
**3050 Coronado Drive**
**Santa Clara, California**

| WELL ID | Aquifer | MEASUREMENT_DATE | TOC ELEVATION[2] (feet) | DEPTH TO WATER (feet) | WATER ELEVATION CHANGES[1] (feet) | WATER ELEVATION[2] (feet) |
|---|---|---|---|---|---|---|
| MW-25A (cont). | A | 9/8/1990 | 34.29 | 12.07 | 10.55 | 22.22 |
| | | 12/8/1990 | | 12.74 | -0.67 | 21.55 |
| | | 3/9/1991 | | 11.84 | 0.9 | 22.45 |
| | | 6/1/1991 | | 12.33 | -0.49 | 21.96 |
| | | 8/3/1991 | | 12.6 | -0.27 | 21.69 |
| | | 11/8/1991 | | 12.59 | 0.01 | 21.7 |
| | | 3/10/1992 | | 10.61 | 1.98 | 23.68 |
| | | 5/26/1992 | | 11.85 | -1.24 | 22.44 |
| | | 8/25/1992 | | 11.59 | 0.26 | 22.7 |
| | | 11/12/1992 | | 12.55 | -0.96 | 21.74 |
| | | 2/11/1993 | | 10.42 | 2.13 | 23.87 |
| | | 5/13/1993 | | 11.05 | -0.63 | 23.24 |
| | | 8/25/1993 | | 11.09 | -0.04 | 23.2 |
| | | 11/10/1993 | | 11.55 | -0.46 | 22.74 |
| | | 2/10/1994 | | 10.98 | 0.57 | 23.31 |
| | | 5/6/1994 | | 10.33 | 0.65 | 23.96 |
| | | 9/6/1994 | | 10.85 | -0.52 | 23.44 |
| | | 11/8/1994 | | 10.97 | -0.12 | 23.32 |
| | | 2/21/1995 | | 10.33 | 0.64 | 23.96 |
| | | 5/17/1995 | | 9.45 | 0.88 | 24.84 |
| | | 8/15/1995 | | 10.15 | -0.7 | 24.14 |
| | | 11/17/1995 | | 11.1 | -0.95 | 23.19 |
| | | 2/12/1996 | | 9.95 | 1.15 | 24.34 |
| | | 5/22/1996 | | 9.5 | 0.45 | 24.79 |
| | | 8/18/1996 | | 10.55 | -1.05 | 23.74 |
| | | 11/6/1996 | | 10.33 | 0.22 | 23.96 |
| | | 1/20/1997 | | 8.87 | 1.46 | 25.42 |
| | | 7/22/1997 | | 9.55 | -0.68 | 24.74 |
| | | 1/20/1998 | | 9.31 | 0.24 | 24.98 |
| | | 7/14/1998 | | 9.75 | -0.44 | 24.54 |
| | | 2/1/1999 | | 9.3 | 0.45 | 24.99 |
| | | 7/12/1999 | | 9.85 | -0.55 | 24.44 |
| | | 1/4/2000 | | 10.4 | -0.55 | 23.89 |
| | | 8/28/2000 | | 9.65 | 0.75 | 24.64 |
| MW-26A | A | 3/6/1987 | 34.01 | 11.44 | NA | 22.57 |
| | | 5/18/1987 | | 11.1 | 0.34 | 22.91 |
| | | 6/2/1987 | | 11.03 | 0.07 | 22.98 |
| | | 7/2/1987 | | 11.3 | -0.27 | 22.71 |
| | | 7/13/1987 | | 11.25 | 0.05 | 22.76 |

Notes:
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**Appendix B**
**Historical Groundwater Elevation Data (1983 to 2000)**
**Honeywell Inc./ Synertek Building # 1**
**3050 Coronado Drive**
**Santa Clara, California**

| WELL ID | Aquifer | MEASUREMENT_DATE | TOC ELEVATION(2) (feet) | DEPTH TO WATER (feet) | WATER ELEVATION CHANGES(1) (feet) | WATER ELEVATION(2) (feet) |
|---|---|---|---|---|---|---|
| MW-26A | A | 9/2/1987 | 34.01 | 11.17 | 0.08 | 22.84 |
| (cont). | | 9/21/1987 | | 11.41 | -0.24 | 22.6 |
| | | 12/18/1987 | | 12.36 | -0.95 | 21.65 |
| | | 1/7/1988 | | 12.37 | -0.01 | 21.64 |
| | | 1/12/1988 | | 12.54 | -0.17 | 21.47 |
| | | 1/22/1988 | | 12.3 | 0.24 | 21.71 |
| | | 2/16/1988 | | 12.65 | -0.35 | 21.36 |
| | | 3/22/1988 | | 12.71 | -0.06 | 21.3 |
| | | 6/24/1988 | | 12.33 | 0.38 | 21.68 |
| | | 9/26/1988 | | 12.2 | 0.13 | 21.81 |
| | | 12/12/1988 | | 13.06 | -0.86 | 20.95 |
| | | 3/29/1989 | | 14.09 | -1.03 | 19.92 |
| | | 8/21/1989 | | 12.26 | 1.83 | 21.75 |
| | | 9/28/1989 | | 11.91 | 0.35 | 22.1 |
| | | 12/8/1989 | | 12.43 | -0.52 | 21.58 |
| | | 3/8/1990 | | 12.73 | -0.3 | 21.28 |
| | | 6/8/1990 | | 12.56 | 0.17 | 21.45 |
| | | 9/8/1990 | | 13.52 | -0.96 | 20.49 |
| | | 12/8/1990 | | 14.34 | -0.82 | 19.67 |
| | | 3/9/1991 | | 13.3 | 1.04 | 20.71 |
| | | 6/1/1991 | | 12.95 | 0.35 | 21.06 |
| | | 8/3/1991 | | 14.05 | -1.1 | 19.96 |
| | | 11/8/1991 | | 13.52 | 0.53 | 20.49 |
| | | 3/10/1992 | | 11.38 | 2.14 | 22.63 |
| | | 5/26/1992 | | 12.61 | -1.23 | 21.4 |
| | | 8/25/1992 | | 12.32 | 0.29 | 21.69 |
| | | 11/12/1992 | | 13.48 | -1.16 | 20.53 |
| | | 2/11/1993 | | 9.36 | 4.12 | 24.65 |
| | | 5/13/1993 | | 11.88 | -2.52 | 22.13 |
| | | 8/25/1993 | | 11.64 | 0.24 | 22.37 |
| | | 11/10/1993 | | 12.25 | -0.61 | 21.76 |
| | | 2/10/1994 | | 11.65 | 0.6 | 22.36 |
| | | 5/6/1994 | | 11.97 | -0.32 | 22.04 |
| | | 9/6/1994 | | 11.75 | 0.22 | 22.26 |
| | | 11/8/1994 | | 12.05 | -0.3 | 21.96 |
| | | 2/21/1995 | | 11.97 | 0.08 | 22.04 |
| | | 5/17/1995 | | 10.53 | 1.44 | 23.48 |
| | | 8/15/1995 | | 11.11 | -0.58 | 22.9 |
| | | 11/17/1995 | | 11.95 | -0.84 | 22.06 |
| | | 2/12/1996 | | 10.22 | 1.73 | 23.79 |
| | | 5/22/1996 | | 10.26 | -0.04 | 23.75 |
| | | 8/18/1996 | | 11.64 | -1.38 | 22.37 |
| | | 11/6/1996 | | 11.27 | 0.37 | 22.74 |
| | | 1/20/1997 | | 9.52 | 1.75 | 24.49 |
| | | 7/22/1997 | | 10.62 | -1.1 | 23.39 |
| | | 1/20/1998 | | 10.15 | 0.47 | 23.86 |
| | | 7/14/1998 | | 10.56 | -0.41 | 23.45 |

Notes:
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**Appendix B**
**Historical Groundwater Elevation Data (1983 to 2000)**
**Honeywell Inc./ Synertek Building # 1**
**3050 Coronado Drive**
**Santa Clara, California**

| WELL ID | Aquifer | MEASUREMENT_DATE | TOC ELEVATION(2) (feet) | DEPTH TO WATER (feet) | WATER ELEVATION CHANGES(1) (feet) | WATER ELEVATION(2) (feet) |
|---|---|---|---|---|---|---|
| MW-26A (cont). | A | 2/1/1999 | 34.01 | 10.1 | 0.46 | 23.91 |
| | | 7/12/1999 | | 10.7 | -0.6 | 23.31 |
| | | 1/4/2000 | | 11.11 | -0.41 | 22.9 |
| | | 8/28/2000 | | 10.58 | 0.53 | 23.43 |
| MW-27A | A | 12/18/1987 | 33.6 | 9.5 | -9.5 | 24.1 |
| | | 1/7/1988 | | 9.5 | 0 | 24.1 |
| | | 1/12/1988 | | 9.57 | -0.07 | 24.03 |
| | | 1/22/1988 | | 9.36 | 0.21 | 24.24 |
| | | 3/22/1988 | | 9.8 | -0.44 | 23.8 |
| | | 6/24/1988 | | 9.13 | 0.67 | 24.47 |
| | | 9/26/1988 | | 9.27 | -0.14 | 24.33 |
| | | 12/12/1988 | | 9.82 | -0.55 | 23.78 |
| | | 3/29/1989 | | 9.83 | -0.01 | 23.77 |
| | | 8/21/1989 | | 8.64 | 1.19 | 24.96 |
| | | 9/28/1989 | | 8.39 | 0.25 | 25.21 |
| | | 12/8/1989 | | 8.93 | -0.54 | 24.67 |
| | | 3/8/1990 | | 9.63 | -0.7 | 23.97 |
| | | 6/8/1990 | | 9.32 | 0.31 | 24.28 |
| | | 9/8/1990 | | 9.41 | -0.09 | 24.19 |
| | | 12/8/1990 | | 9.98 | -0.57 | 23.62 |
| | | 3/9/1991 | | 9.36 | 0.62 | 24.24 |
| | | 6/1/1991 | | 9.63 | -0.27 | 23.97 |
| | | 8/3/1991 | | 10.21 | -0.58 | 23.39 |
| | | 11/8/1991 | | 10.12 | 0.09 | 23.48 |
| | | 3/10/1992 | | 8.68 | 1.44 | 24.92 |
| | | 5/26/1992 | | 9.16 | -0.48 | 24.44 |
| | | 8/25/1992 | | 9.04 | 0.12 | 24.56 |
| | | 11/12/1992 | | 9.98 | -0.94 | 23.62 |
| | | 2/11/1993 | | 8.35 | 1.63 | 25.25 |
| | | 5/13/1993 | | 8.42 | -0.07 | 25.18 |
| | | 8/25/1993 | | 7.85 | 0.57 | 25.75 |
| | | 11/10/1993 | | 8.45 | -0.6 | 25.15 |
| | | 2/10/1994 | | 8.82 | -0.37 | 24.78 |
| | | 5/6/1994 | | 7.98 | 0.84 | 25.62 |
| | | 9/6/1994 | | 7.76 | 0.22 | 25.84 |
| | | 11/8/1994 | | 8.43 | -0.67 | 25.17 |
| | | 2/21/1995 | | 7.98 | 0.45 | 25.62 |
| | | 5/17/1995 | | 7.09 | 0.89 | 26.51 |
| | | 8/15/1995 | | 7.52 | -0.43 | 26.08 |
| | | 11/17/1995 | | 8.52 | -1 | 25.08 |
| | | 2/12/1996 | | 7.66 | 0.86 | 25.94 |
| | | 5/22/1996 | | 7.25 | 0.41 | 26.35 |
| | | 8/18/1996 | | 7.85 | -0.6 | 25.75 |
| | | 11/6/1996 | | 8.34 | -0.49 | 25.26 |
| | | 1/20/1997 | | 6.92 | 1.42 | 26.68 |
| | | 7/22/1997 | | 7.93 | -1.01 | 25.67 |

Notes:
TOC = top of casing
(1) Change in Water Elevation since last reported measurement
(2) Measurements Based on Mean Sea Level
NM = not measured
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**Appendix B**
**Historical Groundwater Elevation Data (1983 to 2000)**
**Honeywell Inc./ Synertek Building # 1**
**3050 Coronado Drive**
**Santa Clara, California**

| WELL ID | Aquifer | MEASUREMENT_DATE | TOC ELEVATION(2) (feet) | DEPTH TO WATER (feet) | WATER ELEVATION CHANGES(1) (feet) | WATER ELEVATION(2) (feet) |
|---|---|---|---|---|---|---|
| MW-27A (cont). | A | 1/20/1998 | 33.6 | 7.33 | 0.6 | 26.27 |
| | | 7/14/1998 | | 7.65 | -0.32 | 25.95 |
| | | 2/1/1999 | | 7.3 | 0.35 | 26.3 |
| | | 7/12/1999 | | 7.5 | -0.2 | 26.1 |
| | | 1/4/2000 | | 8.15 | -0.65 | 25.45 |
| | | 8/28/2000 | | 7.52 | 0.63 | 26.08 |
| MW-28A | A | 12/18/1987 | 31.34 | 11.37 | NA | 19.97 |
| | | 1/7/1988 | | 8.31 | 3.06 | 23.03 |
| | | 1/12/1988 | | 11.29 | -2.98 | 20.05 |
| | | 1/22/1988 | | 10.93 | 0.36 | 20.41 |
| | | 3/22/1988 | | 11.41 | -0.48 | 19.93 |
| | | 6/24/1988 | | 11.15 | 0.26 | 20.19 |
| | | 9/26/1988 | | 10.99 | 0.16 | 20.35 |
| | | 12/12/1988 | | 12.12 | -1.13 | 19.22 |
| | | 3/29/1989 | | 12.05 | 0.07 | 19.29 |
| | | 8/21/1989 | | 11.25 | 0.8 | 20.09 |
| | | 9/28/1989 | | 11.05 | 0.2 | 20.29 |
| | | 12/8/1989 | | 11.61 | -0.56 | 19.73 |
| | | 3/8/1990 | | 11.45 | 0.16 | 19.89 |
| | | 6/8/1990 | | 11.06 | 0.39 | 20.28 |
| | | 9/8/1990 | | 11.6 | -0.54 | 19.74 |
| | | 12/8/1990 | | 12.21 | -0.61 | 19.13 |
| | | 3/9/1991 | | 11.3 | 0.91 | 20.04 |
| | | 6/1/1991 | | 11.63 | -0.33 | 19.71 |
| | | 8/3/1991 | | 11.83 | -0.2 | 19.51 |
| | | 11/8/1991 | | 11.92 | -0.09 | 19.42 |
| | | 3/10/1992 | | 10.11 | 1.81 | 21.23 |
| | | 5/26/1992 | | 11.09 | -0.98 | 20.25 |
| | | 8/25/1992 | | 11.15 | -0.06 | 20.19 |
| | | 11/12/1992 | | 11.76 | -0.61 | 19.58 |
| | | 2/11/1993 | | 10.06 | 1.7 | 21.28 |
| | | 5/13/1993 | | 10.28 | -0.22 | 21.06 |
| | | 8/25/1993 | | 10.62 | -0.34 | 20.72 |
| | | 11/10/1993 | | 10.97 | -0.35 | 20.37 |
| | | 2/10/1994 | | 10.35 | 0.62 | 20.99 |
| | | 5/6/1994 | | 10.05 | 0.3 | 21.29 |
| | | 9/6/1994 | | 10.52 | -0.47 | 20.82 |
| | | 11/8/1994 | | 10.62 | -0.1 | 20.72 |
| | | 2/21/1995 | | 10.05 | 0.57 | 21.29 |
| | | 5/17/1995 | | 9.15 | 0.9 | 22.19 |
| | | 8/15/1995 | | 9.82 | -0.67 | 21.52 |
| | | 11/17/1995 | | 10.55 | -0.73 | 20.79 |
| | | 2/12/1996 | | 9.68 | 0.87 | 21.66 |
| | | 5/22/1996 | | 9.17 | 0.51 | 22.17 |
| | | 8/18/1996 | | 10.46 | -1.29 | 20.88 |
| | | 11/6/1996 | | 10 | 0.46 | 21.34 |

Notes:
TOC = top of casing
(1) Change in Water Elevation since last reported measurement
(2) Measurements Based on Mean Sea Level
NM = not measured
NA= not applicable

**Appendix B**
**Historical Groundwater Elevation Data (1983 to 2000)**
**Honeywell Inc./ Synertek Building # 1**
**3050 Coronado Drive**
**Santa Clara, California**

| WELL ID | Aquifer | MEASUREMENT_DATE | TOC ELEVATION(2) (feet) | DEPTH TO WATER (feet) | WATER ELEVATION CHANGES(1) (feet) | WATER ELEVATION(2) (feet) |
|---|---|---|---|---|---|---|
| MW-28A (cont). | A | 1/20/1997 | 31.34 | 8.7 | 1.3 | 22.64 |
| | | 7/22/1997 | | 9.66 | -0.96 | 21.68 |
| | | 1/20/1998 | | 9 | 0.66 | 22.34 |
| | | 7/14/1998 | | 9.32 | -0.32 | 22.02 |
| | | 2/1/1999 | | 9.09 | 0.23 | 22.25 |
| | | 7/12/1999 | | 9.8 | -0.71 | 21.54 |
| | | 1/4/2000 | | 9.72 | 0.08 | 21.62 |
| | | 8/28/2000 | | 9.62 | 0.1 | 21.72 |
| MW-29A | A | 12/18/1987 | 29.71 | 9.64 | NA | 20.07 |
| | | 1/7/1988 | | 9.57 | 0.07 | 20.14 |
| | | 1/12/1988 | | 9.64 | -0.07 | 20.07 |
| | | 1/22/1988 | | 9.22 | 0.42 | 20.49 |
| | | 3/22/1988 | | 9.55 | -0.33 | 20.16 |
| | | 6/24/1988 | | 9.28 | 0.27 | 20.43 |
| | | 9/26/1988 | | 9.26 | 0.02 | 20.45 |
| | | 12/12/1988 | | 10.31 | -1.05 | 19.4 |
| | | 3/29/1989 | | 10.38 | -0.07 | 19.33 |
| | | 8/21/1989 | | 9.38 | 1 | 20.33 |
| | | 9/28/1989 | | 9.2 | 0.18 | 20.51 |
| | | 12/8/1989 | | 9.77 | -0.57 | 19.94 |
| | | 3/8/1990 | | 9.63 | 0.14 | 20.08 |
| | | 6/8/1990 | | 9.36 | 0.27 | 20.35 |
| | | 9/8/1990 | | 9.88 | -0.52 | 19.83 |
| | | 12/8/1990 | | 10.45 | -0.57 | 19.26 |
| | | 3/9/1991 | | 9.65 | 0.8 | 20.06 |
| | | 6/1/1991 | | 9.86 | -0.21 | 19.85 |
| | | 8/3/1991 | | 10.15 | -0.29 | 19.56 |
| | | 11/8/1991 | | 10.16 | -0.01 | 19.55 |
| | | 3/10/1992 | | 8.28 | 1.88 | 21.43 |
| | | 5/26/1992 | | 9.28 | -1 | 20.43 |
| | | 8/25/1992 | | 9.41 | -0.13 | 20.3 |
| | | 11/12/1992 | | 10.02 | -0.61 | 19.69 |
| | | 2/11/1993 | | 8.45 | 1.57 | 21.26 |
| | | 5/13/1993 | | 8.42 | 0.03 | 21.29 |
| | | 8/25/1993 | | 8.65 | -0.23 | 21.06 |
| | | 11/10/1993 | | 9.32 | -0.67 | 20.39 |
| | | 2/10/1994 | | 8.76 | 0.56 | 20.95 |
| | | 5/6/1994 | | 8.48 | 0.28 | 21.23 |
| | | 9/6/1994 | | 8.78 | -0.3 | 20.93 |
| | | 11/8/1994 | | 9.07 | -0.29 | 20.64 |
| | | 2/21/1995 | | 8.48 | 0.59 | 21.23 |
| | | 5/17/1995 | | 7.23 | 1.25 | 22.48 |
| | | 8/15/1995 | | 8.18 | -0.95 | 21.53 |
| | | 11/17/1995 | | 10.75 | -2.57 | 18.96 |
| | | 2/12/1996 | | 7.92 | 2.83 | 21.79 |
| | | 5/22/1996 | | 7.35 | 0.57 | 22.36 |

Notes:
TOC = top of casing
(1) Change in Water Elevation since last reported measurement
(2) Measurements Based on Mean Sea Level
NM = not measured
NA= not applicable

**Appendix B**
**Historical Groundwater Elevation Data (1983 to 2000)**
**Honeywell Inc./ Synertek Building # 1**
**3050 Coronado Drive**
**Santa Clara, California**

| WELL ID | Aquifer | MEASUREMENT_DATE | TOC ELEVATION(2) (feet) | DEPTH TO WATER (feet) | WATER ELEVATION CHANGES(1) (feet) | WATER ELEVATION(2) (feet) |
|---|---|---|---|---|---|---|
| MW-29A (cont). | A | 8/18/1996 | 29.71 | 8.57 | -1.22 | 21.14 |
| | | 11/6/1996 | | 8.27 | 0.3 | 21.44 |
| | | 1/20/1997 | | 6.9 | 1.37 | 22.81 |
| | | 7/22/1997 | | 7.82 | -0.92 | 21.89 |
| | | 1/20/1998 | | 7.17 | 0.65 | 22.54 |
| | | 7/14/1998 | | 7.52 | -0.35 | 22.19 |
| | | 2/1/1999 | | 7.3 | 0.22 | 22.41 |
| | | 7/12/1999 | | 7.95 | -0.65 | 21.76 |
| | | 1/4/2000 | | 8.11 | -0.16 | 21.6 |
| | | 8/28/2000 | | 7.8 | 0.31 | 21.91 |
| MW-30A | A | 12/18/1987 | 33.70 | 11.59 | NA | 22.11 |
| | | 1/7/1988 | | 11.55 | 0.04 | 22.15 |
| | | 1/12/1988 | | 11.7 | -0.15 | 22 |
| | | 1/22/1988 | | 11.39 | 0.31 | 22.31 |
| | | 3/22/1988 | | 11.88 | -0.49 | 21.82 |
| | | 6/24/1988 | | 11.21 | 0.67 | 22.49 |
| | | 9/26/1988 | | 11.11 | 0.1 | 22.59 |
| | | 12/12/1988 | | 12.12 | -1.01 | 21.58 |
| | | 3/29/1989 | | 12.27 | -0.15 | 21.43 |
| | | 8/21/1989 | | 10.77 | 1.5 | 22.93 |
| | | 9/28/1989 | | 10.69 | 0.08 | 23.01 |
| | | 12/8/1989 | | 11.43 | -0.74 | 22.27 |
| | | 3/8/1990 | | 11.79 | -0.36 | 21.91 |
| | | 6/8/1990 | | 11.39 | 0.4 | 22.31 |
| | | 9/8/1990 | | 11.65 | -0.26 | 22.05 |
| | | 12/8/1990 | | 12.29 | -0.64 | 21.41 |
| | | 3/9/1991 | | 11.6 | 0.69 | 22.1 |
| | | 6/1/1991 | | 11.83 | -0.23 | 21.87 |
| | | 8/3/1991 | | 12.24 | -0.41 | 21.46 |
| | | 11/8/1991 | | 12.19 | 0.05 | 21.51 |
| | | 3/10/1992 | | 10.52 | 1.67 | 23.18 |
| | | 5/26/1992 | | 11.18 | -0.66 | 22.52 |
| | | 8/25/1992 | | 11.09 | 0.09 | 22.61 |
| | | 11/12/1992 | | 11.92 | -0.83 | 21.78 |
| | | 2/11/1993 | | 10.12 | 1.8 | 23.58 |
| | | 5/13/1993 | | 10.52 | -0.4 | 23.18 |
| | | 8/25/1993 | | 10.17 | 0.35 | 23.53 |
| | | 11/10/1993 | | 10.72 | -0.55 | 22.98 |
| | | 2/10/1994 | | 10.75 | -0.03 | 22.95 |
| | | 5/6/1994 | | 10.19 | 0.56 | 23.51 |
| | | 9/6/1994 | | 10.03 | 0.16 | 23.67 |
| | | 11/8/1994 | | 10.67 | -0.64 | 23.03 |
| | | 2/21/1995 | | 10.19 | 0.48 | 23.51 |
| | | 5/17/1995 | | 9.33 | 0.86 | 24.37 |
| | | 8/15/1995 | | 9.48 | -0.15 | 24.22 |
| | | 11/17/1995 | | 10.73 | -1.25 | 22.97 |

Notes:
TOC = top of casing
(1) Change in Water Elevation since last reported measurement
(2) Measurements Based on Mean Sea Level
NM = not measured
NA= not applicable

**Appendix B**
**Historical Groundwater Elevation Data (1983 to 2000)**
**Honeywell Inc./ Synertek Building # 1**
**3050 Coronado Drive**
**Santa Clara, California**

| WELL ID | Aquifer | MEASUREMENT_DATE | TOC ELEVATION(2) (feet) | DEPTH TO WATER (feet) | WATER ELEVATION CHANGES(1) (feet) | WATER ELEVATION(2) (feet) |
|---|---|---|---|---|---|---|
| MW-30A (cont). | A | 2/12/1996 | 33.70 | 9.87 | 0.86 | 23.83 |
| | | 5/22/1996 | | 9.18 | 0.69 | 24.52 |
| | | 8/18/1996 | | 10.19 | -1.01 | 23.51 |
| | | 11/6/1996 | | 10.34 | -0.15 | 23.36 |
| | | 1/20/1997 | | 9 | 1.34 | 24.7 |
| | | 7/22/1997 | | 9.9 | -0.9 | 23.8 |
| | | 1/20/1998 | | 9.31 | 0.59 | 24.39 |
| | | 7/14/1998 | | 9.67 | -0.36 | 24.03 |
| | | 2/1/1999 | | 9.4 | 0.27 | 24.3 |
| | | 7/12/1999 | | 9.68 | -0.28 | 24.02 |
| | | 1/4/2000 | | 10.3 | -0.62 | 23.4 |
| | | 8/28/2000 | | 9.63 | 0.67 | 24.07 |
| MW-33A | A | 12/18/1987 | 26.99 | 10.03 | NA | 16.96 |
| | | 1/7/1988 | | 10.01 | 0.02 | 16.98 |
| | | 1/12/1988 | | 10.1 | -0.09 | 16.89 |
| | | 1/22/1988 | | 9.52 | 0.58 | 17.47 |
| | | 3/22/1988 | | 9.91 | -0.39 | 17.08 |
| | | 6/24/1988 | | 9.54 | 0.37 | 17.45 |
| | | 9/26/1988 | | 9.7 | -0.16 | 17.29 |
| | | 12/12/1988 | | 10.54 | -0.84 | 16.45 |
| | | 3/29/1989 | | 10.61 | -0.07 | 16.38 |
| | | 6/23/1989 | | 10.26 | 0.35 | 16.73 |
| | | 8/21/1989 | | 9.67 | 0.59 | 17.32 |
| | | 9/28/1989 | | 9.44 | 0.23 | 17.55 |
| | | 12/8/1989 | | 11.59 | -2.15 | 15.4 |
| | | 3/8/1990 | | 10.02 | 1.57 | 16.97 |
| | | 6/8/1990 | | 9.78 | 0.24 | 17.21 |
| | | 9/8/1990 | | 9.97 | -0.19 | 17.02 |
| | | 12/8/1990 | | 10.73 | -0.76 | 16.26 |
| | | 3/9/1991 | | 9.75 | 0.98 | 17.24 |
| | | 6/1/1991 | | 10.23 | -0.48 | 16.76 |
| | | 8/3/1991 | | 10.41 | -0.18 | 16.58 |
| | | 11/8/1991 | | 10.21 | 0.2 | 16.78 |
| | | 3/10/1992 | | 8.9 | 1.31 | 18.09 |
| | | 5/26/1992 | | 9.75 | -0.85 | 17.24 |
| | | 8/25/1992 | | 9.93 | -0.18 | 17.06 |
| | | 11/12/1992 | | 10.32 | -0.39 | 16.67 |
| | | 2/11/1993 | | 9.05 | 1.27 | 17.94 |
| | | 5/13/1993 | | 9.22 | -0.17 | 17.77 |
| | | 8/25/1993 | | 9.39 | -0.17 | 17.6 |
| | | 11/10/1993 | | 9.92 | -0.53 | 17.07 |
| | | 2/10/1994 | | 9.05 | 0.87 | 17.94 |
| | | 5/6/1994 | | 8.88 | 0.17 | 18.11 |
| | | 9/6/1994 | | 9.43 | -0.55 | 17.56 |
| | | 11/8/1994 | | 9.66 | -0.23 | 17.33 |
| | | 2/21/1995 | | 8.88 | 0.78 | 18.11 |

Notes:
TOC = top of casing
(1) Change in Water Elevation since last reported measurement
(2) Measurements Based on Mean Sea Level
NM = not measured
NA= not applicable

**Appendix B**
**Historical Groundwater Elevation Data (1983 to 2000)**
**Honeywell Inc./ Synertek Building # 1**
**3050 Coronado Drive**
**Santa Clara, California**

| WELL ID | Aquifer | MEASUREMENT_DATE | TOC ELEVATION(2) (feet) | DEPTH TO WATER (feet) | WATER ELEVATION CHANGES(1) (feet) | WATER ELEVATION(2) (feet) |
|---|---|---|---|---|---|---|
| MW-33A (cont). | A | 5/17/1995 | 26.99 | 8.19 | 0.69 | 18.8 |
| | | 8/15/1995 | | 8.87 | -0.68 | 18.12 |
| | | 11/17/1995 | | 9.45 | -0.58 | 17.54 |
| | | 2/12/1996 | | 8.53 | 0.92 | 18.46 |
| | | 5/22/1996 | | 8.27 | 0.26 | 18.72 |
| | | 8/18/1996 | | 9.08 | -0.81 | 17.91 |
| | | 11/6/1996 | | 8.9 | 0.18 | 18.09 |
| | | 1/20/1997 | | 7.84 | 1.06 | 19.15 |
| | | 7/22/1997 | | 8.66 | -0.82 | 18.33 |
| | | 1/20/1998 | | 7.9 | 0.76 | 19.09 |
| | | 7/14/1998 | | 8.25 | -0.35 | 18.74 |
| | | 2/1/1999 | | 8.12 | 0.13 | 18.87 |
| | | 7/12/1999 | | 8.57 | -0.45 | 18.42 |
| | | 1/4/2000 | | 8.83 | -0.26 | 18.16 |
| | | 8/28/2000 | | 8.3 | 0.53 | 18.69 |
| MW-34A | A | 12/18/1987 | 27.62 | 9.81 | NA | 17.81 |
| | | 1/7/1988 | | 9.75 | 0.06 | 17.87 |
| | | 1/12/1988 | | 9.85 | -0.1 | 17.77 |
| | | 1/22/1988 | | 9.33 | 0.52 | 18.29 |
| | | 3/22/1988 | | 9.74 | -0.41 | 17.88 |
| | | 6/24/1988 | | 9.29 | 0.45 | 18.33 |
| | | 9/26/1988 | | 9.47 | -0.18 | 18.15 |
| | | 12/12/1988 | | 10.17 | -0.7 | 17.45 |
| | | 3/29/1989 | | 10.38 | -0.21 | 17.24 |
| | | 6/23/1989 | | 9.92 | 0.46 | 17.7 |
| | | 8/21/1989 | | 9.4 | 0.52 | 18.22 |
| | | 9/28/1989 | | 9.44 | -0.04 | 18.18 |
| | | 12/8/1989 | | 10.23 | -0.79 | 17.39 |
| | | 3/8/1990 | | 9.72 | 0.51 | 17.9 |
| | | 6/8/1990 | | 9.51 | 0.21 | 18.11 |
| | | 9/8/1990 | | 9.75 | -0.24 | 17.87 |
| | | 12/8/1990 | | 10.42 | -0.67 | 17.2 |
| | | 3/9/1991 | | 9.51 | 0.91 | 18.11 |
| | | 6/1/1991 | | 9.73 | -0.22 | 17.89 |
| | | 8/3/1991 | | 10.16 | -0.43 | 17.46 |
| | | 11/8/1991 | | 10.18 | -0.02 | 17.44 |
| | | 3/10/1992 | | 8.63 | 1.55 | 18.99 |
| | | 5/26/1992 | | 9.5 | -0.87 | 18.12 |
| | | 8/25/1992 | | 9.68 | -0.18 | 17.94 |
| | | 11/12/1992 | | 10.05 | -0.37 | 17.57 |
| | | 2/11/1993 | | 8.7 | 1.35 | 18.92 |
| | | 5/13/1993 | | 8.91 | -0.21 | 18.71 |
| | | 8/25/1993 | | 9.12 | -0.21 | 18.5 |
| | | 11/10/1993 | | 9.62 | -0.5 | 18 |
| | | 2/10/1994 | | 8.88 | 0.74 | 18.74 |
| | | 5/6/1994 | | 8.21 | 0.67 | 19.41 |

Notes:
TOC = top of casing
(1) Change in Water Elevation since last reported measurement
(2) Measurements Based on Mean Sea Level
NM = not measured
NA= not applicable

**Appendix B**
**Historical Groundwater Elevation Data (1983 to 2000)**
**Honeywell Inc./ Synertek Building # 1**
**3050 Coronado Drive**
**Santa Clara, California**

| WELL ID | Aquifer | MEASUREMENT_DATE | TOC ELEVATION(2) (feet) | DEPTH TO WATER (feet) | WATER ELEVATION CHANGES(1) (feet) | WATER ELEVATION(2) (feet) |
|---|---|---|---|---|---|---|
| MW-34A (cont). | A | 9/6/1994 | 27.62 | 9.15 | -0.94 | 18.47 |
| | | 11/8/1994 | | 9.33 | -0.18 | 18.29 |
| | | 2/21/1995 | | 8.21 | 1.12 | 19.41 |
| | | 5/17/1995 | | 7.88 | 0.33 | 19.74 |
| | | 8/15/1995 | | 8.65 | -0.77 | 18.97 |
| | | 11/17/1995 | | 9.32 | -0.67 | 18.3 |
| | | 2/12/1996 | | 8.32 | 1 | 19.3 |
| | | 5/22/1996 | | 8.07 | 0.25 | 19.55 |
| | | 8/18/1996 | | 8.82 | -0.75 | 18.8 |
| | | 11/6/1996 | | 8.66 | 0.16 | 18.96 |
| | | 1/20/1997 | | 7.54 | 1.12 | 20.08 |
| | | 7/22/1997 | | 8.3 | -0.76 | 19.32 |
| | | 1/20/1998 | | 7.64 | 0.66 | 19.98 |
| | | 7/14/1998 | | 8.01 | -0.37 | 19.61 |
| | | 2/1/1999 | | 7.92 | 0.09 | 19.7 |
| | | 7/12/1999 | | 8.47 | -0.55 | 19.15 |
| | | 1/4/2000 | | 8.68 | -0.21 | 18.94 |
| | | 8/28/2000 | | 8.15 | 0.53 | 19.47 |
| MW-35A | A | 12/8/1990 | 31.35 | 11.59 | NA | 19.76 |
| | | 3/9/1991 | | 9.53 | 2.06 | 21.82 |
| | | 6/1/1991 | | 11.02 | -1.49 | 20.33 |
| | | 8/3/1991 | | 11.4 | -0.38 | 19.95 |
| | | 11/8/1991 | | 11.16 | 0.24 | 20.19 |
| | | 8/25/1992 | | 10.45 | 0.71 | 20.9 |
| | | 11/12/1992 | | 11.18 | -0.73 | 20.17 |
| | | 2/11/1993 | | 9.38 | 1.8 | 21.97 |
| | | 5/13/1993 | | 9.38 | 0 | 21.97 |
| | | 8/25/1993 | | 9.35 | 0.03 | 22 |
| | | 11/10/1993 | | 9.85 | -0.5 | 21.5 |
| | | 2/10/1994 | | 9.47 | 0.38 | 21.88 |
| | | 5/6/1994 | | 9.42 | 0.05 | 21.93 |
| | | 9/6/1994 | | 9.78 | -0.36 | 21.57 |
| | | 11/8/1994 | | 9.92 | -0.14 | 21.43 |
| | | 2/21/1995 | | 9.42 | 0.5 | 21.93 |
| | | 5/17/1995 | | 8.58 | 0.84 | 22.77 |
| | | 8/15/1995 | | 9.05 | -0.47 | 22.3 |
| | | 11/17/1995 | | 9.62 | -0.57 | 21.73 |
| | | 2/12/1996 | | 8.93 | 0.69 | 22.42 |
| | | 5/22/1996 | | 8.12 | 0.81 | 23.23 |
| | | 8/18/1996 | | 9.53 | -1.41 | 21.82 |
| | | 11/6/1996 | | 9.3 | 0.23 | 22.05 |
| | | 1/20/1997 | | 7.74 | 1.56 | 23.61 |
| | | 7/22/1997 | | 8.79 | -1.05 | 22.56 |
| | | 1/20/1998 | | 8 | 0.79 | 23.35 |
| | | 7/14/1998 | | 8.6 | -0.6 | 22.75 |
| | | 2/1/1999 | | 8.1 | 0.5 | 23.25 |
| | | 7/12/1999 | | 8.82 | -0.72 | 22.53 |

Notes:
TOC = top of casing
(1) Change in Water Elevation since last reported measurement
(2) Measurements Based on Mean Sea Level
NM = not measured
NA= not applicable

**Appendix B**
**Historical Groundwater Elevation Data (1983 to 2000)**
**Honeywell Inc./ Synertek Building # 1**
**3050 Coronado Drive**
**Santa Clara, California**

| WELL ID | Aquifer | MEASUREMENT_DATE | TOC ELEVATION(2) (feet) | DEPTH TO WATER (feet) | WATER ELEVATION CHANGES(1) (feet) | WATER ELEVATION(2) (feet) |
|---|---|---|---|---|---|---|
| MW-35A | A | 1/4/2000 | 31.35 | 9.14 | -0.32 | 22.21 |
| (cont). | | 8/28/2000 | | 8.71 | 0.43 | 22.64 |
| MW-36A | A | 12/8/1990 | 30.94 | 11 | NA | 19.94 |
| | | 3/9/1991 | | 10.95 | 0.05 | 19.99 |
| | | 6/1/1991 | | 10.4 | 0.55 | 20.54 |
| | | 8/3/1991 | | 10.65 | -0.25 | 20.29 |
| | | 11/8/1991 | | 10.75 | -0.1 | 20.19 |
| | | 3/10/1992 | | 9.02 | 1.73 | 21.92 |
| | | 5/26/1992 | | 9.58 | -0.56 | 21.36 |
| | | 8/25/1992 | | 9.86 | -0.28 | 21.08 |
| | | 11/12/1992 | | 10.68 | -0.82 | 20.26 |
| | | 2/11/1993 | | 8.85 | 1.83 | 22.09 |
| | | 5/13/1993 | | 9.15 | -0.3 | 21.79 |
| | | 8/25/1993 | | 9.09 | 0.06 | 21.85 |
| | | 11/10/1993 | | 9.23 | -0.14 | 21.71 |
| | | 2/10/1994 | | 9.05 | 0.18 | 21.89 |
| | | 5/6/1994 | | 8.73 | 0.32 | 22.21 |
| | | 9/6/1994 | | 9.18 | -0.45 | 21.76 |
| | | 11/8/1994 | | 9.56 | -0.38 | 21.38 |
| | | 2/21/1995 | | 8.73 | 0.83 | 22.21 |
| | | 5/17/1995 | | 8.03 | 0.7 | 22.91 |
| | | 8/15/1995 | | 7.85 | 0.18 | 23.09 |
| | | 11/17/1995 | | 9.25 | -1.4 | 21.69 |
| | | 2/12/1996 | | 8.35 | 0.9 | 22.59 |
| | | 5/22/1996 | | 7.84 | 0.51 | 23.1 |
| | | 8/18/1996 | | 9.06 | -1.22 | 21.88 |
| | | 11/6/1996 | | 8.8 | 0.26 | 22.14 |
| | | 1/20/1997 | | 7.2 | 1.6 | 23.74 |
| | | 7/22/1997 | | 8.22 | -1.02 | 22.72 |
| | | 1/20/1998 | | 7.6 | 0.62 | 23.34 |
| | | 7/14/1998 | | 8.1 | -0.5 | 22.84 |
| | | 2/1/1999 | | 7.68 | 0.42 | 23.26 |
| | | 7/12/1999 | | 8.35 | -0.67 | 22.59 |
| | | 1/4/2000 | | 8.61 | -0.26 | 22.33 |
| | | 8/28/2000 | | 8.22 | 0.39 | 22.72 |
| PW-1 | A | 5/18/1987 | 32.46 | 6.35 | NA | 26.11 |
| | | 7/13/1987 | | 9.79 | -3.44 | 22.67 |
| | | 9/2/1987 | | 9.87 | -0.08 | 22.59 |
| | | 9/21/1987 | | 9.37 | 0.5 | 23.09 |

Notes:
TOC = top of casing
(1) Change in Water Elevation since last reported measurement
(2) Measurements Based on Mean Sea Level
NM = not measured
NA= not applicable

**Appendix B**
**Historical Groundwater Elevation Data (1983 to 2000)**
**Honeywell Inc./ Synertek Building # 1**
**3050 Coronado Drive**
**Santa Clara, California**

| WELL ID | Aquifer | MEASUREMENT_DATE | TOC ELEVATION[2] (feet) | DEPTH TO WATER (feet) | WATER ELEVATION CHANGES[1] (feet) | WATER ELEVATION[2] (feet) |
|---|---|---|---|---|---|---|
| PW-1 | | 1/7/1988 | | 11.13 | -1.76 | 21.33 |
| (cont). | | 1/22/1988 | | 11.3 | -0.17 | 21.16 |
| | | 2/16/1988 | | 10.3 | 1 | 22.16 |
| | | 3/22/1988 | | 12.8 | -2.5 | 19.66 |
| | | 9/26/1988 | | 13.82 | -1.02 | 18.64 |
| | | 12/12/1988 | | 9.95 | 3.87 | 22.51 |
| | | 1/20/1997 | | 4.64 | 5.31 | 27.82 |
| | | 7/22/1997 | | 7.6 | -2.96 | 24.86 |
| | | 1/20/1998 | | 6.25 | 1.35 | 26.21 |
| | | 7/14/1998 | | 8.55 | -2.3 | 23.91 |
| | | 2/1/1999 | | 6.34 | 2.21 | 26.12 |
| | | 7/12/1999 | | 15.52 | -9.18 | 16.94 |
| | | 1/4/2000 | | 14.05 | 1.47 | 18.41 |
| | | 8/28/2000 | | 10.75 | 3.3 | 21.71 |
| PW-4 | A | 12/12/1988 | NM | 12.38 | NA | NA |
| | | 1/20/1997 | | 17.27 | NA | NA |
| | | 7/22/1997 | | 23.34 | NA | NA |
| | | 1/20/1998 | | 24.03 | NA | NA |
| | | 7/14/1998 | | 18.62 | NA | NA |
| | | 2/1/1999 | | 19.74 | NA | NA |
| | | 7/12/1999 | | 8.5 | NA | NA |
| | | 1/4/2000 | | 19.61 | NA | NA |
| | | 8/28/2000 | | 19.95 | NA | NA |
| PW-5 | A | 12/12/1988 | NM | 10.97 | NA | NA |
| | | 1/20/1997 | | 12.06 | NA | NA |
| | | 7/22/1997 | | 10.42 | NA | NA |
| | | 1/20/1998 | | 5.9 | NA | NA |
| | | 7/14/1998 | | 14.75 | NA | NA |
| | | 2/1/1999 | | 6 | NA | NA |
| | | 7/12/1999 | | 15.25 | NA | NA |
| | | 1/4/2000 | | 15.5 | NA | NA |
| | | 8/28/2000 | | 31.35 | NA | NA |
| MW-03B | B | 3/28/1985 | 33.79 | 7.76 | NA | 26.03 |
| | | 5/15/1985 | | 6.74 | 1.02 | 27.05 |
| | | 5/30/1985 | | 6.84 | -0.1 | 26.95 |
| | | 6/6/1985 | | 6.85 | -0.01 | 26.94 |
| | | 6/13/1985 | | 6.81 | 0.04 | 26.98 |
| | | 6/20/1985 | | 6.77 | 0.04 | 27.02 |
| | | 6/27/1985 | | 6.75 | 0.02 | 27.04 |
| | | 7/4/1985 | | 6.84 | -0.09 | 26.95 |
| | | 7/11/1985 | | 6.95 | -0.11 | 26.84 |
| | | 7/18/1985 | | 6.96 | -0.01 | 26.83 |
| | | 7/25/1985 | | 7.01 | -0.05 | 26.78 |
| | | 7/31/1985 | | 7.03 | -0.02 | 26.76 |
| | | 8/8/1985 | | 7.13 | -0.1 | 26.66 |
| | | 8/15/1985 | | 7.19 | -0.06 | 26.6 |
| | | 8/22/1985 | | 7.28 | -0.09 | 26.51 |

Notes:
TOC = top of casing
(1) Change in Water Elevation since last reported measurement
(2) Measurements Based on Mean Sea Level
NM = not measured
NA= not applicable

**Appendix B**
**Historical Groundwater Elevation Data (1983 to 2000)**
**Honeywell Inc./ Synertek Building # 1**
**3050 Coronado Drive**
**Santa Clara, California**

| WELL ID | Aquifer | MEASUREMENT_DATE | TOC ELEVATION[2] (feet) | DEPTH TO WATER (feet) | WATER ELEVATION CHANGES[1] (feet) | WATER ELEVATION[2] (feet) |
|---|---|---|---|---|---|---|
| MW-03B | B | 8/29/1985 | 33.79 | 7.33 | -0.05 | 26.46 |
| (cont). | | 9/4/1985 | | 7.4 | -0.07 | 26.39 |
| | | 9/11/1985 | | 7.45 | -0.05 | 26.34 |
| | | 9/18/1985 | | 7.43 | 0.02 | 26.36 |
| | | 9/25/1985 | | 7.53 | -0.1 | 26.26 |
| | | 12/30/1985 | | 7.96 | -0.43 | 25.83 |
| | | 1/7/1986 | | 7.98 | -0.02 | 25.81 |
| | | 1/21/1986 | | 8.11 | -0.13 | 25.68 |
| | | 1/28/1986 | | 8.21 | -0.1 | 25.58 |
| | | 2/4/1986 | | 7.73 | 0.48 | 26.06 |
| | | 2/11/1986 | | 7.79 | -0.06 | 26 |
| | | 2/19/1986 | | 5.83 | 1.96 | 27.96 |
| | | 2/24/1986 | | 5.9 | -0.07 | 27.89 |
| | | 3/3/1986 | | 6.47 | -0.57 | 27.32 |
| | | 3/11/1986 | | 6.4 | 0.07 | 27.39 |
| | | 3/17/1986 | | 5.67 | 0.73 | 28.12 |
| | | 5/27/1986 | | 7.02 | -1.35 | 26.77 |
| | | 6/30/1986 | | 7.28 | -0.26 | 26.51 |
| | | 7/28/1986 | | 7.25 | 0.03 | 26.54 |
| | | 8/26/1986 | | 7.38 | -0.13 | 26.41 |
| | | 10/3/1986 | | 7.65 | -0.27 | 26.14 |
| | | 11/14/1986 | | 7.96 | -0.31 | 25.83 |
| | | 12/3/1986 | | 7.82 | 0.14 | 25.97 |
| | | 1/2/1987 | | 7.94 | -0.12 | 25.85 |
| | | 3/6/1987 | | 7.7 | 0.24 | 26.09 |
| | | 5/18/1987 | | 7.8 | -0.1 | 25.99 |
| | | 6/2/1987 | | 7.85 | -0.05 | 25.94 |
| | | 7/2/1987 | | 8.38 | -0.53 | 25.41 |
| | | 7/13/1987 | | 8.49 | -0.11 | 25.3 |
| | | 9/2/1987 | | 9.82 | -1.33 | 23.97 |
| | | 9/21/1987 | | 9 | 0.82 | 24.79 |
| | | 1/7/1988 | | 8.67 | 0.33 | 25.12 |
| | | 1/12/1988 | | 8.71 | -0.04 | 25.08 |
| | | 1/22/1988 | | 9.86 | -1.15 | 23.93 |
| | | 2/16/1988 | | 10.2 | -0.34 | 23.59 |
| | | 3/22/1988 | | 10.64 | -0.44 | 23.15 |
| | | 6/24/1988 | | 9.26 | 1.38 | 24.53 |
| | | 9/26/1988 | | 9.83 | -0.57 | 23.96 |
| | | 12/12/1988 | | 11.53 | -1.7 | 22.26 |
| | | 3/29/1989 | | 10.82 | 0.71 | 22.97 |
| | | 8/21/1989 | | 9.09 | 1.73 | 24.7 |
| | | 9/28/1989 | | 8.78 | 0.31 | 25.01 |
| | | 12/8/1989 | | 9.55 | -0.77 | 24.24 |
| | | 3/8/1990 | | 10.43 | -0.88 | 23.36 |
| | | 6/8/1990 | | 10.47 | -0.04 | 23.32 |
| | | 9/8/1990 | | 11.06 | -0.59 | 22.73 |
| | | 12/8/1990 | | 10.5 | 0.56 | 23.29 |

Notes:
TOC = top of casing
(1) Change in Water Elevation since last reported measurement
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NA= not applicable

**Appendix B**
**Historical Groundwater Elevation Data (1983 to 2000)**
**Honeywell Inc./ Synertek Building # 1**
**3050 Coronado Drive**
**Santa Clara, California**

| WELL ID | Aquifer | MEASUREMENT_DATE | TOC ELEVATION(2) (feet) | DEPTH TO WATER (feet) | WATER ELEVATION CHANGES(1) (feet) | WATER ELEVATION(2) (feet) |
|---|---|---|---|---|---|---|
| MW-03B (cont). | B | 3/9/1991 | 33.79 | 10.4 | 0.1 | 23.39 |
| | | 6/1/1991 | | 11.46 | -1.06 | 22.33 |
| | | 8/3/1991 | | 10.7 | 0.76 | 23.09 |
| | | 11/8/1991 | | 10.4 | 0.3 | 23.39 |
| | | 3/10/1992 | | 9.81 | 0.59 | 23.98 |
| | | 5/26/1992 | | 10.76 | -0.95 | 23.03 |
| | | 8/25/1992 | | 11.53 | -0.77 | 22.26 |
| | | 11/12/1992 | | 11.37 | 0.16 | 22.42 |
| | | 2/11/1993 | | 9 | 2.37 | 24.79 |
| | | 5/13/1993 | | 6.91 | 2.09 | 26.88 |
| | | 8/25/1993 | | 9.92 | -3.01 | 23.87 |
| | | 11/10/1993 | | 9.96 | -0.04 | 23.83 |
| | | 2/10/1994 | | 8.45 | 1.51 | 25.34 |
| | | 5/6/1994 | | 8.72 | -0.27 | 25.07 |
| | | 9/6/1994 | | 9.25 | -0.53 | 24.54 |
| | | 11/8/1994 | | 10.05 | -0.8 | 23.74 |
| | | 2/21/1995 | | 8.72 | 1.33 | 25.07 |
| | | 5/17/1995 | | 7.97 | 0.75 | 25.82 |
| | | 8/15/1995 | | 8.73 | -0.76 | 25.06 |
| | | 11/17/1995 | | 8.93 | -0.2 | 24.86 |
| | | 2/12/1996 | | 7.59 | 1.34 | 26.2 |
| | | 5/22/1996 | | 7.86 | -0.27 | 25.93 |
| | | 8/18/1996 | | 8.82 | -0.96 | 24.97 |
| | | 11/6/1996 | | 8.38 | 0.44 | 25.41 |
| | | 1/20/1997 | | 6.3 | 2.08 | 27.49 |
| | | 7/22/1997 | | 8.02 | -1.72 | 25.77 |
| | | 1/20/1998 | | 6.81 | 1.21 | 26.98 |
| | | 7/14/1998 | | 6.88 | -0.07 | 26.91 |
| | | 2/1/1999 | | 5.71 | 1.17 | 28.08 |
| | | 7/12/1999 | | 6.8 | -1.09 | 26.99 |
| | | 1/4/2000 | | 6.94 | -0.14 | 26.85 |
| | | 8/28/2000 | | 7.01 | -0.07 | 26.78 |
| MW-03B1 | B | 12/12/1988 | 33.53 | 19.64 | NA | 13.89 |
| | | 3/29/1989 | | 15.58 | 4.06 | 17.95 |
| | | 6/23/1989 | | 14.04 | 1.54 | 19.49 |
| | | 8/21/1989 | | 14.2 | -0.16 | 19.33 |
| | | 9/28/1989 | | 13.41 | 0.79 | 20.12 |
| | | 12/8/1989 | | 12.75 | 0.66 | 20.78 |
| | | 3/8/1990 | | 8.26 | 4.49 | 25.27 |
| | | 6/8/1990 | | 10.21 | -1.95 | 23.32 |
| | | 9/8/1990 | | 9.91 | 0.3 | 23.62 |
| | | 12/8/1990 | | 11.7 | -1.79 | 21.83 |
| | | 3/9/1991 | | 8.91 | 2.79 | 24.62 |
| | | 6/1/1991 | | 7.79 | 1.12 | 25.74 |
| | | 8/3/1991 | | 8.19 | -0.4 | 25.34 |
| | | 11/8/1991 | | 7.9 | 0.29 | 25.63 |
| | | 5/26/1992 | | 5.45 | 2.45 | 28.08 |

Notes:
TOC = top of casing
(1) Change in Water Elevation since last reported measurement
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**Appendix B**
**Historical Groundwater Elevation Data (1983 to 2000)**
**Honeywell Inc./ Synertek Building # 1**
**3050 Coronado Drive**
**Santa Clara, California**

| WELL ID | Aquifer | MEASUREMENT_DATE | TOC ELEVATION(2) (feet) | DEPTH TO WATER (feet) | WATER ELEVATION CHANGES(1) (feet) | WATER ELEVATION(2) (feet) |
|---|---|---|---|---|---|---|
| MW-03B1 | B | 8/25/1992 | 33.53 | 7.16 | -1.71 | 26.37 |
| (cont). | | 11/12/1992 | | 6.72 | 0.44 | 26.81 |
| | | 2/11/1993 | | 2.91 | 3.81 | 30.62 |
| | | 5/13/1993 | | 1.18 | 1.73 | 32.35 |
| | | 8/25/1993 | | 3.84 | -2.66 | 29.69 |
| | | 11/10/1993 | | 2.97 | 0.87 | 30.56 |
| | | 2/10/1994 | | 0.22 | 2.75 | 33.31 |
| | | 5/6/1994 | | artesian | NA | artesian |
| | | 9/6/1994 | | 3.55 | NA | 29.98 |
| | | 11/8/1994 | | 3.72 | -0.17 | 29.81 |
| | | 2/21/1995 | | artesian | NA | artesian |
| | | 2/12/1996 | | artesian | NA | artesian |
| | | 5/22/1996 | | artesian | NA | artesian |
| | | 8/18/1996 | | artesian | NA | artesian |
| | | 11/6/1996 | | artesian | NA | artesian |
| | | 1/20/1997 | | artesian | NA | artesian |
| | | 7/22/1997 | | artesian | NA | artesian |
| | | 1/20/1998 | | artesian | NA | artesian |
| | | 7/14/1998 | | artesian | NA | artesian |
| MW-04B | B | 9/22/1983 | 29.97 | 2.64 | NA | 27.33 |
| | | 9/30/1983 | | 4.84 | -2.2 | 25.13 |
| | | 10/4/1983 | | 5.64 | -0.8 | 24.33 |
| | | 6/30/1984 | | 2.46 | 3.18 | 27.51 |
| | | 9/14/1984 | | 2.32 | 0.14 | 27.65 |
| | | 9/24/1984 | | 2.82 | -0.5 | 27.15 |
| | | 10/3/1984 | | 2.91 | -0.09 | 27.06 |
| | | 10/9/1984 | | 2.95 | -0.04 | 27.02 |
| | | 10/19/1984 | | 2.95 | 0 | 27.02 |
| | | 11/5/1984 | | 3.43 | -0.48 | 26.54 |
| | | 11/19/1984 | | 3.24 | 0.19 | 26.73 |
| | | 12/7/1984 | | 3.04 | 0.2 | 26.93 |
| | | 12/19/1984 | | 3.07 | -0.03 | 26.9 |
| | | 12/28/1984 | | 3.44 | -0.37 | 26.53 |
| | | 1/9/1985 | | 4.04 | -0.6 | 25.93 |
| | | 1/24/1985 | | 3.74 | 0.3 | 26.23 |
| | | 2/8/1985 | | 3.79 | -0.05 | 26.18 |
| | | 3/28/1985 | | 3.63 | 0.16 | 26.34 |
| | | 5/15/1985 | | 3.24 | 0.39 | 26.73 |
| | | 5/30/1985 | | 3.7 | -0.46 | 26.27 |
| | | 6/6/1985 | | 3.23 | 0.47 | 26.74 |
| | | 7/31/1985 | | 3.56 | -0.33 | 26.41 |
| | | 8/8/1985 | | 3.59 | -0.03 | 26.38 |
| | | 8/15/1985 | | 3.63 | -0.04 | 26.34 |
| | | 8/22/1985 | | 3.66 | -0.03 | 26.31 |
| | | 8/29/1985 | | 3.7 | -0.04 | 26.27 |
| | | 9/4/1985 | | 3.77 | -0.07 | 26.2 |
| | | 9/11/1985 | | 3.81 | -0.04 | 26.16 |

Notes:
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**Appendix B**
**Historical Groundwater Elevation Data (1983 to 2000)**
**Honeywell Inc./ Synertek Building # 1**
**3050 Coronado Drive**
**Santa Clara, California**

| WELL ID | Aquifer | MEASUREMENT_DATE | TOC ELEVATION(2) (feet) | DEPTH TO WATER (feet) | WATER ELEVATION CHANGES(1) (feet) | WATER ELEVATION(2) (feet) |
|---|---|---|---|---|---|---|
| MW-04B | B | 9/18/1985 | 29.97 | 3.83 | -0.02 | 26.14 |
| (cont). | | 9/25/1985 | | 3.94 | -0.11 | 26.03 |
| | | 12/30/1985 | | 4.19 | -0.25 | 25.78 |
| | | 1/7/1986 | | 4.37 | -0.18 | 25.6 |
| | | 1/21/1986 | | 4.6 | -0.23 | 25.37 |
| | | 1/28/1986 | | 4.82 | -0.22 | 25.15 |
| | | 2/4/1986 | | 4.29 | 0.53 | 25.68 |
| | | 2/11/1986 | | 4.4 | -0.11 | 25.57 |
| | | 2/19/1986 | | 2.25 | 2.15 | 27.72 |
| | | 2/24/1986 | | 2.48 | -0.23 | 27.49 |
| | | 3/3/1986 | | 3.04 | -0.56 | 26.93 |
| | | 3/11/1986 | | 2.91 | 0.13 | 27.06 |
| | | 3/17/1986 | | 2.17 | 0.74 | 27.8 |
| | | 5/27/1986 | | 3.73 | -1.56 | 26.24 |
| | | 6/30/1986 | | 3.77 | -0.04 | 26.2 |
| | | 7/28/1986 | | 3.76 | 0.01 | 26.21 |
| | | 8/26/1986 | | 3.67 | 0.09 | 26.3 |
| | | 10/3/1986 | | 4.12 | -0.45 | 25.85 |
| | | 11/14/1986 | | 4.25 | -0.13 | 25.72 |
| | | 12/3/1986 | | 4.39 | -0.14 | 25.58 |
| | | 1/2/1987 | | 4.66 | -0.27 | 25.31 |
| | | 3/6/1987 | | 4.41 | 0.25 | 25.56 |
| | | 5/18/1987 | | 4.49 | -0.08 | 25.48 |
| | | 6/2/1987 | | 2.76 | 1.73 | 27.21 |
| | | 7/13/1987 | | 3.84 | -1.08 | 26.13 |
| | | 9/2/1987 | | 3.29 | 0.55 | 26.68 |
| | | 9/21/1987 | | 3.16 | 0.13 | 26.81 |
| | | 12/18/1987 | | 3.47 | -0.31 | 26.5 |
| | | 1/7/1988 | | 6.69 | -3.22 | 23.28 |
| | | 1/12/1988 | | 4.18 | 2.51 | 25.79 |
| | | 1/22/1988 | | 12.64 | -8.46 | 17.33 |
| | | 2/16/1988 | | 12.33 | 0.31 | 17.64 |
| | | 3/22/1988 | | 12.58 | -0.25 | 17.39 |
| | | 6/24/1988 | | 5.79 | 6.79 | 24.18 |
| | | 9/26/1988 | | 6.56 | -0.77 | 23.41 |
| | | 12/12/1988 | | 7.69 | -1.13 | 22.28 |
| | | 3/29/1989 | | 9.96 | -2.27 | 20.01 |
| | | 6/23/1989 | | 9.44 | 0.52 | 20.53 |
| | | 8/21/1989 | | 5.2 | 4.24 | 24.77 |
| | | 9/28/1989 | | 4.99 | 0.21 | 24.98 |
| | | 12/8/1989 | | 5.48 | -0.49 | 24.49 |
| | | 3/8/1990 | | 7.63 | -2.15 | 22.34 |
| | | 6/8/1990 | | 7.99 | -0.36 | 21.98 |
| | | 9/8/1990 | | 10.29 | -2.3 | 19.68 |
| | | 12/8/1990 | | 11.8 | -1.51 | 18.17 |
| | | 3/9/1991 | | 9.1 | 2.7 | 20.87 |
| | | 6/1/1991 | | 16.18 | -7.08 | 13.79 |

Notes:
TOC = top of casing
(1) Change in Water Elevation since last reported measurement
(2) Measurements Based on Mean Sea Level
NM = not measured
NA= not applicable

**Appendix B**
**Historical Groundwater Elevation Data (1983 to 2000)**
**Honeywell Inc./ Synertek Building # 1**
**3050 Coronado Drive**
**Santa Clara, California**

| WELL ID | Aquifer | MEASUREMENT_DATE | TOC ELEVATION(2) (feet) | DEPTH TO WATER (feet) | WATER ELEVATION CHANGES(1) (feet) | WATER ELEVATION(2) (feet) |
|---|---|---|---|---|---|---|
| MW-04B | B | 8/3/1991 | 29.97 | 11.32 | 4.86 | 18.65 |
| (cont). | | 11/8/1991 | | 9.61 | 1.71 | 20.36 |
| | | 3/10/1992 | | 9.15 | 0.46 | 20.82 |
| | | 5/26/1992 | | 10.26 | -1.11 | 19.71 |
| | | 8/25/1992 | | 12.35 | -2.09 | 17.62 |
| | | 11/12/1992 | | 11.08 | 1.27 | 18.89 |
| | | 2/11/1993 | | 8.65 | 2.43 | 21.32 |
| | | 5/13/1993 | | 9.18 | -0.53 | 20.79 |
| | | 8/25/1993 | | 6.05 | 3.13 | 23.92 |
| | | 11/10/1993 | | 7.83 | -1.78 | 22.14 |
| | | 2/10/1994 | | 4.62 | 3.21 | 25.35 |
| | | 5/6/1994 | | 8.94 | -4.32 | 21.03 |
| | | 9/6/1994 | | 7.32 | 1.62 | 22.65 |
| | | 11/8/1994 | | 10.65 | -3.33 | 19.32 |
| | | 2/21/1995 | | 8.94 | 1.71 | 21.03 |
| | | 5/17/1995 | | 4.89 | 4.05 | 25.08 |
| | | 8/15/1995 | | 9.89 | -5 | 20.08 |
| | | 11/17/1995 | | 9.35 | 0.54 | 20.62 |
| | | 2/12/1996 | | 5.67 | 3.68 | 24.3 |
| | | 5/22/1996 | | 8.72 | -3.05 | 21.25 |
| | | 8/18/1996 | | 8.58 | 0.14 | 21.39 |
| | | 11/6/1996 | | 8.47 | 0.11 | 21.5 |
| | | 1/20/1997 | | 4.43 | 4.04 | 25.54 |
| | | 7/22/1997 | | 8.97 | -4.54 | 21 |
| | | 1/20/1998 | | 5.9 | 3.07 | 24.07 |
| | | 7/14/1998 | | 6.8 | -0.9 | 23.17 |
| | | 2/1/1999 | | 5.7 | 1.1 | 24.27 |
| | | 7/12/1999 | | 6.85 | -1.15 | 23.12 |
| | | 1/4/2000 | | 8.21 | -1.36 | 21.76 |
| | | 8/28/2000 | | 8.2 | 0.01 | 21.77 |
| MW-10B | B | 12/30/1985 | 34.02 | 7.72 | NA | 26.3 |
| | | 1/7/1986 | | 7.58 | 0.14 | 26.44 |
| | | 1/21/1986 | | 7.88 | -0.3 | 26.14 |
| | | 1/28/1986 | | 7.97 | -0.09 | 26.05 |
| | | 2/4/1986 | | 7.45 | 0.52 | 26.57 |
| | | 2/11/1986 | | 7.55 | -0.1 | 26.47 |
| | | 2/19/1986 | | 5.36 | 2.19 | 28.66 |
| | | 2/24/1986 | | 5.61 | -0.25 | 28.41 |
| | | 3/3/1986 | | 6.11 | -0.5 | 27.91 |
| | | 3/11/1986 | | 5.98 | 0.13 | 28.04 |
| | | 3/17/1986 | | 5.31 | 0.67 | 28.71 |
| | | 5/27/1986 | | 6.84 | -1.53 | 27.18 |
| | | 6/30/1986 | | 6.99 | -0.15 | 27.03 |
| | | 7/28/1986 | | 6.93 | 0.06 | 27.09 |
| | | 8/26/1986 | | 7.09 | -0.16 | 26.93 |
| | | 10/3/1986 | | 7.27 | -0.18 | 26.75 |
| | | 11/14/1986 | | 7.44 | -0.17 | 26.58 |

Notes:
TOC = top of casing
(1) Change in Water Elevation since last reported measurement
(2) Measurements Based on Mean Sea Level
NM = not measured
NA= not applicable

**Appendix B**
**Historical Groundwater Elevation Data (1983 to 2000)**
**Honeywell Inc./ Synertek Building # 1**
**3050 Coronado Drive**
**Santa Clara, California**

| WELL ID | Aquifer | MEASUREMENT_DATE | TOC ELEVATION(2) (feet) | DEPTH TO WATER (feet) | WATER ELEVATION CHANGES(1) (feet) | WATER ELEVATION(2) (feet) |
|---|---|---|---|---|---|---|
| MW-10B | B | 12/3/1986 | 34.02 | 7.72 | -0.28 | 26.3 |
| (cont). | | 1/2/1987 | | 7.78 | -0.06 | 26.24 |
| | | 3/6/1987 | | 7.73 | 0.05 | 26.29 |
| | | 6/2/1987 | | 7.03 | 0.7 | 26.99 |
| | | 7/2/1987 | | 8.33 | -1.3 | 25.69 |
| | | 7/13/1987 | | 8.32 | 0.01 | 25.7 |
| | | 9/2/1987 | | 8.69 | -0.37 | 25.33 |
| | | 9/21/1987 | | 8.95 | -0.26 | 25.07 |
| | | 1/7/1988 | | 8.81 | 0.14 | 25.21 |
| | | 1/12/1988 | | 8.82 | -0.01 | 25.2 |
| | | 1/22/1988 | | 13.63 | -4.81 | 20.39 |
| | | 2/16/1988 | | 13.4 | 0.23 | 20.62 |
| | | 3/22/1988 | | 13.77 | -0.37 | 20.25 |
| | | 6/24/1988 | | 8.82 | 4.95 | 25.2 |
| | | 9/26/1988 | | 9.36 | -0.54 | 24.66 |
| | | 12/12/1988 | | 11.29 | -1.93 | 22.73 |
| | | 3/29/1989 | | 13.88 | -2.59 | 20.14 |
| | | 8/21/1989 | | 9.82 | 4.06 | 24.2 |
| | | 9/28/1989 | | 8.56 | 1.26 | 25.46 |
| | | 12/8/1989 | | 9.2 | -0.64 | 24.82 |
| | | 3/8/1990 | | 12.47 | -3.27 | 21.55 |
| | | 9/8/1990 | | 13 | -0.53 | 21.02 |
| | | 12/8/1990 | | 13.42 | -0.42 | 20.6 |
| | | 3/9/1991 | | 12.37 | 1.05 | 21.65 |
| | | 6/1/1991 | | 13.84 | -1.47 | 20.18 |
| | | 8/3/1991 | | 12 | 1.84 | 22.02 |
| | | 11/8/1991 | | 11.84 | 0.16 | 22.18 |
| | | 3/10/1992 | | 7.15 | 4.69 | 26.87 |
| | | 5/26/1992 | | 11.97 | -4.82 | 22.05 |
| | | 8/25/1992 | | 12.25 | -0.28 | 21.77 |
| | | 11/12/1992 | | 12.72 | -0.47 | 21.3 |
| | | 2/11/1993 | | 10.48 | 2.24 | 23.54 |
| | | 5/13/1993 | | 6.92 | 3.56 | 27.1 |
| | | 8/25/1993 | | 11.38 | -4.46 | 22.64 |
| | | 11/10/1993 | | 11.74 | -0.36 | 22.28 |
| | | 2/10/1994 | | 8.22 | 3.52 | 25.8 |
| | | 5/6/1994 | | 10.32 | -2.1 | 23.7 |
| | | 9/6/1994 | | 11.05 | -0.73 | 22.97 |
| | | 11/8/1994 | | 11.58 | -0.53 | 22.44 |
| | | 2/21/1995 | | 10.32 | 1.26 | 23.7 |
| | | 5/17/1995 | | 9.68 | 0.64 | 24.34 |
| | | 8/15/1995 | | 10.18 | -0.5 | 23.84 |
| | | 11/17/1995 | | 10.19 | -0.01 | 23.83 |
| | | 2/12/1996 | | 8.82 | 1.37 | 25.2 |
| | | 5/22/1996 | | 9.11 | -0.29 | 24.91 |
| | | 8/18/1996 | | 10.01 | -0.9 | 24.01 |

Notes:
TOC = top of casing
(1) Change in Water Elevation since last reported measurement
(2) Measurements Based on Mean Sea Level
NM = not measured
NA= not applicable

**Appendix B**
**Historical Groundwater Elevation Data (1983 to 2000)**
**Honeywell Inc./ Synertek Building # 1**
**3050 Coronado Drive**
**Santa Clara, California**

| WELL ID | Aquifer | MEASUREMENT_DATE | TOC ELEVATION(2) (feet) | DEPTH TO WATER (feet) | WATER ELEVATION CHANGES(1) (feet) | WATER ELEVATION(2) (feet) |
|---|---|---|---|---|---|---|
| MW-10B (cont). | B | 11/6/1996 | 34.02 | 9.64 | 0.37 | 24.38 |
| | | 1/20/1997 | | 7.81 | 1.83 | 26.21 |
| | | 7/22/1997 | | 9.49 | -1.68 | 24.53 |
| | | 1/20/1998 | | 8.27 | 1.22 | 25.75 |
| | | 7/14/1998 | | 8.38 | -0.11 | 25.64 |
| | | 2/1/1999 | | 6.92 | 1.46 | 27.1 |
| | | 7/12/1999 | | 7.65 | -0.73 | 26.37 |
| | | 1/4/2000 | | 8.53 | -0.88 | 25.49 |
| | | 8/28/2000 | | 8.62 | -0.09 | 25.4 |
| MW-12B | B | 5/30/1985 | 33.64 | 7.76 | NA | 25.88 |
| | | 6/6/1985 | | 7.63 | 0.13 | 26.01 |
| | | 6/13/1985 | | 7.58 | 0.05 | 26.06 |
| | | 6/20/1985 | | 7.52 | 0.06 | 26.12 |
| | | 6/27/1985 | | 7.47 | 0.05 | 26.17 |
| | | 7/4/1985 | | 7.58 | -0.11 | 26.06 |
| | | 7/11/1985 | | 7.63 | -0.05 | 26.01 |
| | | 7/18/1985 | | 7.66 | -0.03 | 25.98 |
| | | 7/25/1985 | | 7.69 | -0.03 | 25.95 |
| | | 7/31/1985 | | 7.67 | 0.02 | 25.97 |
| | | 8/8/1985 | | 7.87 | -0.2 | 25.77 |
| | | 8/15/1985 | | 7.93 | -0.06 | 25.71 |
| | | 8/22/1985 | | 7.98 | -0.05 | 25.66 |
| | | 8/29/1985 | | 8 | -0.02 | 25.64 |
| | | 9/4/1985 | | 8.08 | -0.08 | 25.56 |
| | | 9/11/1985 | | 8.01 | 0.07 | 25.63 |
| | | 9/18/1985 | | 8.07 | -0.06 | 25.57 |
| | | 9/25/1985 | | 8.17 | -0.1 | 25.47 |
| | | 12/30/1985 | | 8.68 | -0.51 | 24.96 |
| | | 1/7/1986 | | 8.6 | 0.08 | 25.04 |
| | | 1/21/1986 | | 8.85 | -0.25 | 24.79 |
| | | 1/28/1986 | | 8.96 | -0.11 | 24.68 |
| | | 2/4/1986 | | 8.29 | 0.67 | 25.35 |
| | | 2/11/1986 | | 8.55 | -0.26 | 25.09 |
| | | 2/19/1986 | | 6.4 | 2.15 | 27.24 |
| | | 2/24/1986 | | 6.63 | -0.23 | 27.01 |
| | | 3/3/1986 | | 7.21 | -0.58 | 26.43 |
| | | 3/11/1986 | | 7.09 | 0.12 | 26.55 |
| | | 3/17/1986 | | 6.35 | 0.74 | 27.29 |
| | | 5/27/1986 | | 7.75 | -1.4 | 25.89 |
| | | 6/30/1986 | | 7.94 | -0.19 | 25.7 |
| | | 7/28/1986 | | 7.9 | 0.04 | 25.74 |
| | | 8/26/1986 | | 7.96 | -0.06 | 25.68 |
| | | 10/3/1986 | | 8.28 | -0.32 | 25.36 |
| | | 11/14/1986 | | 8.41 | -0.13 | 25.23 |
| | | 12/3/1986 | | 8.54 | -0.13 | 25.1 |
| | | 1/2/1987 | | 8.6 | -0.06 | 25.04 |
| | | 3/6/1987 | | 8.51 | 0.09 | 25.13 |

Notes:
TOC = top of casing
(1) Change in Water Elevation since last reported measurement
(2) Measurements Based on Mean Sea Level
NM = not measured
NA= not applicable

**Appendix B**
**Historical Groundwater Elevation Data (1983 to 2000)**
**Honeywell Inc./ Synertek Building # 1**
**3050 Coronado Drive**
**Santa Clara, California**

| WELL ID | Aquifer | MEASUREMENT_DATE | TOC ELEVATION(2) (feet) | DEPTH TO WATER (feet) | WATER ELEVATION CHANGES(1) (feet) | WATER ELEVATION(2) (feet) |
|---|---|---|---|---|---|---|
| MW-12B | B | 5/18/1987 | 33.64 | 8.56 | -0.05 | 25.08 |
| (cont). | | 6/2/1987 | | 8.6 | -0.04 | 25.04 |
| | | 7/2/1987 | | 9.18 | -0.58 | 24.46 |
| | | 7/13/1987 | | 9.21 | -0.03 | 24.43 |
| | | 9/2/1987 | | 9.12 | 0.09 | 24.52 |
| | | 9/21/1987 | | 9.67 | -0.55 | 23.97 |
| | | 12/18/1987 | | 9.76 | -0.09 | 23.88 |
| | | 1/7/1988 | | 9.41 | 0.35 | 24.23 |
| | | 1/12/1988 | | 9.58 | -0.17 | 24.06 |
| | | 1/22/1988 | | 12.23 | -2.65 | 21.41 |
| | | 2/16/1988 | | 12.25 | -0.02 | 21.39 |
| | | 3/22/1988 | | 12.59 | -0.34 | 21.05 |
| | | 6/24/1988 | | 9.88 | 2.71 | 23.76 |
| | | 9/26/1988 | | 10.28 | -0.4 | 23.36 |
| | | 12/12/1988 | | 11.66 | -1.38 | 21.98 |
| | | 3/29/1989 | | 12.82 | -1.16 | 20.82 |
| | | 6/23/1989 | | 12.61 | 0.21 | 21.03 |
| | | 8/21/1989 | | 9.69 | 2.92 | 23.95 |
| | | 9/28/1989 | | 9.4 | 0.29 | 24.24 |
| | | 12/8/1989 | | 9.92 | -0.52 | 23.72 |
| | | 3/8/1990 | | 11.66 | -1.74 | 21.98 |
| | | 6/8/1990 | | 11.51 | 0.15 | 22.13 |
| | | 9/8/1990 | | 12.24 | -0.73 | 21.4 |
| | | 12/8/1990 | | 12.66 | -0.42 | 20.98 |
| | | 3/9/1991 | | 11.65 | 1.01 | 21.99 |
| | | 6/1/1991 | | 13.36 | -1.71 | 20.28 |
| | | 8/3/1991 | | 12 | 1.36 | 21.64 |
| | | 11/8/1991 | | 11.58 | 0.42 | 22.06 |
| | | 3/10/1992 | | 11.45 | 0.13 | 22.19 |
| | | 5/26/1992 | | 12.52 | -1.07 | 21.12 |
| | | 8/25/1992 | | 13.53 | -1.01 | 20.11 |
| | | 11/12/1992 | | 13.12 | 0.41 | 20.52 |
| | | 2/11/1993 | | 10.81 | 2.31 | 22.83 |
| | | 5/13/1993 | | 11.73 | -0.92 | 21.91 |
| | | 8/25/1993 | | 11.83 | -0.1 | 21.81 |
| | | 11/10/1993 | | 12.09 | -0.26 | 21.55 |
| | | 2/10/1994 | | 9.88 | 2.21 | 23.76 |
| | | 5/6/1994 | | 12.02 | -2.14 | 21.62 |
| | | 9/6/1994 | | 10.98 | 1.04 | 22.66 |
| | | 11/8/1994 | | 11.93 | -0.95 | 21.71 |
| | | 2/21/1995 | | 12.02 | -0.09 | 21.62 |
| | | 5/17/1995 | | 10 | 2.02 | 23.64 |
| | | 8/15/1995 | | 12.78 | -2.78 | 20.86 |
| | | 11/17/1995 | | 10.92 | 1.86 | 22.72 |
| | | 2/12/1996 | | 9.48 | 1.44 | 24.16 |
| | | 5/22/1996 | | 9.71 | -0.23 | 23.93 |
| | | 8/18/1996 | | 10.9 | -1.19 | 22.74 |

Notes:
TOC = top of casing
(1) Change in Water Elevation since last reported measurement
(2) Measurements Based on Mean Sea Level
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**Appendix B**
**Historical Groundwater Elevation Data (1983 to 2000)**
**Honeywell Inc./ Synertek Building # 1**
**3050 Coronado Drive**
**Santa Clara, California**

| WELL ID | Aquifer | MEASUREMENT_DATE | TOC ELEVATION(2) (feet) | DEPTH TO WATER (feet) | WATER ELEVATION CHANGES(1) (feet) | WATER ELEVATION(2) (feet) |
|---|---|---|---|---|---|---|
| MW-12B (cont). | B | 11/6/1996 | 33.64 | 10.34 | 0.56 | 23.3 |
| | | 1/20/1997 | | 8.2 | 2.14 | 25.44 |
| | | 7/22/1997 | | 10.15 | -1.95 | 23.49 |
| | | 1/20/1998 | | 8.8 | 1.35 | 24.84 |
| | | 7/14/1998 | | 9 | -0.2 | 24.64 |
| | | 2/1/1999 | | 7.6 | 1.4 | 26.04 |
| | | 7/12/1999 | | 9 | -1.4 | 24.64 |
| | | 1/4/2000 | | 9.2 | -0.2 | 24.44 |
| | | 8/28/2000 | | 9.39 | -0.19 | 24.25 |
| MW-15B | B | 12/30/1985 | 34.69 | 9.52 | NA | 25.17 |
| | | 1/7/1986 | | 9.44 | 0.08 | 25.25 |
| | | 1/21/1986 | | 9.72 | -0.28 | 24.97 |
| | | 1/28/1986 | | 7.83 | 1.89 | 26.86 |
| | | 2/4/1986 | | 9.29 | -1.46 | 25.4 |
| | | 2/11/1986 | | 9.39 | -0.1 | 25.3 |
| | | 2/19/1986 | | 7.42 | 1.97 | 27.27 |
| | | 2/24/1986 | | 7.42 | 0 | 27.27 |
| | | 3/3/1986 | | 8.06 | -0.64 | 26.63 |
| | | 3/11/1986 | | 8.03 | 0.03 | 26.66 |
| | | 3/17/1986 | | 7.34 | 0.69 | 27.35 |
| | | 5/27/1986 | | 8.57 | -1.23 | 26.12 |
| | | 6/30/1986 | | 8.78 | -0.21 | 25.91 |
| | | 7/28/1986 | | 8.61 | 0.17 | 26.08 |
| | | 8/26/1986 | | 8.8 | -0.19 | 25.89 |
| | | 10/3/1986 | | 9.1 | -0.3 | 25.59 |
| | | 11/14/1986 | | 9.26 | -0.16 | 25.43 |
| | | 12/3/1986 | | 9.39 | -0.13 | 25.3 |
| | | 1/2/1987 | | 9.64 | -0.25 | 25.05 |
| | | 3/6/1987 | | 9.39 | 0.25 | 25.3 |
| | | 5/18/1987 | | 9.42 | -0.03 | 25.27 |
| | | 6/2/1987 | | 9.46 | -0.04 | 25.23 |
| | | 7/2/1987 | | 10.06 | -0.6 | 24.63 |
| | | 7/13/1987 | | 10.17 | -0.11 | 24.52 |
| | | 9/2/1987 | | 10.38 | -0.21 | 24.31 |
| | | 9/21/1987 | | 10.61 | -0.23 | 24.08 |
| | | 1/7/1988 | | 10.36 | 0.25 | 24.33 |
| | | 1/12/1988 | | 10.35 | 0.01 | 24.34 |
| | | 1/22/1988 | | 13.29 | -2.94 | 21.4 |
| | | 2/16/1988 | | 13.3 | -0.01 | 21.39 |
| | | 3/22/1988 | | 13.67 | -0.37 | 21.02 |
| | | 6/24/1988 | | 10.73 | 2.94 | 23.96 |
| | | 9/26/1988 | | 11.2 | -0.47 | 23.49 |
| | | 12/12/1988 | | 12.57 | -1.37 | 22.12 |
| | | 3/29/1989 | | 14.9 | -2.33 | 19.79 |
| | | 6/23/1989 | | 13.64 | 1.26 | 21.05 |
| | | 8/21/1989 | | 10.52 | 3.12 | 24.17 |
| | | 9/28/1989 | | 10.22 | 0.3 | 24.47 |

Notes:
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**Appendix B**
**Historical Groundwater Elevation Data (1983 to 2000)**
**Honeywell Inc./ Synertek Building # 1**
**3050 Coronado Drive**
**Santa Clara, California**

| WELL ID | Aquifer | MEASUREMENT_DATE | TOC ELEVATION(2) (feet) | DEPTH TO WATER (feet) | WATER ELEVATION CHANGES(1) (feet) | WATER ELEVATION(2) (feet) |
|---|---|---|---|---|---|---|
| MW-15B (cont). | B | 12/8/1989 | 34.69 | 10.81 | -0.59 | 23.88 |
| | | 3/8/1990 | | 12.09 | -1.28 | 22.6 |
| | | 6/8/1990 | | 12.76 | -0.67 | 21.93 |
| | | 9/8/1990 | | 13.13 | -0.37 | 21.56 |
| | | 12/8/1990 | | 13.63 | -0.5 | 21.06 |
| | | 3/9/1991 | | 12.51 | 1.12 | 22.18 |
| | | 6/1/1991 | | 14.04 | -1.53 | 20.65 |
| | | 8/3/1991 | | 12.95 | 1.09 | 21.74 |
| | | 11/8/1991 | | 12.73 | 0.22 | 21.96 |
| | | 3/10/1992 | | 11.88 | 0.85 | 22.81 |
| | | 5/26/1992 | | 13 | -1.12 | 21.69 |
| | | 8/25/1992 | | 13.02 | -0.02 | 21.67 |
| | | 11/12/1992 | | 13.63 | -0.61 | 21.06 |
| | | 2/11/1993 | | 11.34 | 2.29 | 23.35 |
| | | 5/13/1993 | | 8.72 | 2.62 | 25.97 |
| | | 8/25/1993 | | 12.35 | -3.63 | 22.34 |
| | | 11/10/1993 | | 12.13 | 0.22 | 22.56 |
| | | 2/10/1994 | | 10.09 | 2.04 | 24.6 |
| | | 5/6/1994 | | 11.09 | -1 | 23.6 |
| | | 9/6/1994 | | 11.82 | -0.73 | 22.87 |
| | | 11/8/1994 | | 12.31 | -0.49 | 22.38 |
| | | 2/21/1995 | | 11.09 | 1.22 | 23.6 |
| | | 5/17/1995 | | 10.43 | 0.66 | 24.26 |
| | | 8/15/1995 | | 11.05 | -0.62 | 23.64 |
| | | 11/17/1995 | | 11.25 | -0.2 | 23.44 |
| | | 2/12/1996 | | 9.92 | 1.33 | 24.77 |
| | | 5/22/1996 | | 10.01 | -0.09 | 24.68 |
| | | 8/18/1996 | | 11.13 | -1.12 | 23.56 |
| | | 11/6/1996 | | 10.69 | 0.44 | 24 |
| | | 1/20/1997 | | 8.67 | 2.02 | 26.02 |
| | | 7/22/1997 | | 10.46 | -1.79 | 24.23 |
| | | 1/20/1998 | | 9.21 | 1.25 | 25.48 |
| | | 7/14/1998 | | 9.42 | -0.21 | 25.27 |
| | | 2/1/1999 | | 8.1 | 1.32 | 26.59 |
| | | 7/12/1999 | | 9.4 | -1.3 | 25.29 |
| | | 1/4/2000 | | 9.65 | -0.25 | 25.04 |
| | | 8/28/2000 | | 9.73 | -0.08 | 24.96 |
| MW-20B | B | 12/30/1985 | 35.09 | 9.87 | NA | 25.22 |
| | | 1/7/1986 | | 9.84 | 0.03 | 25.25 |
| | | 1/21/1986 | | 10.17 | -0.33 | 24.92 |
| | | 1/28/1986 | | 10.28 | -0.11 | 24.81 |
| | | 2/4/1986 | | 9.68 | 0.6 | 25.41 |
| | | 2/11/1986 | | 9.83 | -0.15 | 25.26 |
| | | 2/19/1986 | | 7.7 | 2.13 | 27.39 |
| | | 2/24/1986 | | 7.91 | -0.21 | 27.18 |
| | | 3/3/1986 | | 8.47 | -0.56 | 26.62 |
| | | 3/11/1986 | | 8.38 | 0.09 | 26.71 |

Notes:
TOC = top of casing
(1) Change in Water Elevation since last reported measurement
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**Appendix B**
**Historical Groundwater Elevation Data (1983 to 2000)**
**Honeywell Inc./ Synertek Building # 1**
**3050 Coronado Drive**
**Santa Clara, California**

| WELL ID | Aquifer | MEASUREMENT_DATE | TOC ELEVATION(2) (feet) | DEPTH TO WATER (feet) | WATER ELEVATION CHANGES(1) (feet) | WATER ELEVATION(2) (feet) |
|---|---|---|---|---|---|---|
| MW-20B | B | 3/17/1986 | 35.09 | 7.64 | 0.74 | 27.45 |
| (cont). | | 5/27/1986 | | 9.01 | -1.37 | 26.08 |
| | | 6/30/1986 | | 9.2 | -0.19 | 25.89 |
| | | 7/28/1986 | | 9.26 | -0.06 | 25.83 |
| | | 10/3/1986 | | 9.28 | -0.02 | 25.81 |
| | | 11/14/1986 | | 9.83 | -0.55 | 25.26 |
| | | 12/3/1986 | | 9.82 | 0.01 | 25.27 |
| | | 1/2/1987 | | 10.09 | -0.27 | 25 |
| | | 3/6/1987 | | 9.84 | 0.25 | 25.25 |
| | | 6/2/1987 | | 9.83 | 0.01 | 25.26 |
| | | 7/2/1987 | | 10.4 | -0.57 | 24.69 |
| | | 7/13/1987 | | 10.52 | -0.12 | 24.57 |
| | | 9/2/1987 | | 10.74 | -0.22 | 24.35 |
| | | 9/21/1987 | | 11.02 | -0.28 | 24.07 |
| | | 12/18/1987 | | 11.9 | -0.88 | 23.19 |
| | | 1/7/1988 | | 10.78 | 1.12 | 24.31 |
| | | 1/12/1988 | | 10.64 | 0.14 | 24.45 |
| | | 1/22/1988 | | 13.55 | -2.91 | 21.54 |
| | | 2/16/1988 | | 13.55 | 0 | 21.54 |
| | | 3/22/1988 | | 13.95 | -0.4 | 21.14 |
| | | 6/24/1988 | | 11.09 | 2.86 | 24 |
| | | 9/26/1988 | | 11.7 | -0.61 | 23.39 |
| | | 12/12/1988 | | 13.16 | -1.46 | 21.93 |
| | | 3/29/1989 | | 12.16 | 1 | 22.93 |
| | | 6/23/1989 | | 13.75 | -1.59 | 21.34 |
| | | 8/21/1989 | | 10.95 | 2.8 | 24.14 |
| | | 9/28/1989 | | 11.61 | -0.66 | 23.48 |
| | | 12/8/1989 | | 11.12 | 0.49 | 23.97 |
| | | 3/8/1990 | | 12.86 | -1.74 | 22.23 |
| | | 6/8/1990 | | 13.32 | -0.46 | 21.77 |
| | | 9/8/1990 | | 13.47 | -0.15 | 21.62 |
| | | 12/8/1990 | | 12.9 | 0.57 | 22.19 |
| | | 3/9/1991 | | 12.8 | 0.1 | 22.29 |
| | | 6/1/1991 | | 15.2 | -2.4 | 19.89 |
| | | 8/3/1991 | | 13.2 | 2 | 21.89 |
| | | 11/8/1991 | | 12.82 | 0.38 | 22.27 |
| | | 3/10/1992 | | 12.72 | 0.1 | 22.37 |
| | | 5/26/1992 | | 13.76 | -1.04 | 21.33 |
| | | 8/25/1992 | | 14.78 | -1.02 | 20.31 |
| | | 11/12/1992 | | 13.45 | 1.33 | 21.64 |
| | | 2/11/1993 | | 11.85 | 1.6 | 23.24 |
| | | 5/13/1993 | | 12.58 | -0.73 | 22.51 |
| | | 8/25/1993 | | 12.89 | -0.31 | 22.2 |
| | | 11/10/1993 | | 13.12 | -0.23 | 21.97 |
| | | 2/10/1994 | | 10.87 | 2.25 | 24.22 |
| | | 5/6/1994 | | 11.42 | -0.55 | 23.67 |
| | | 9/6/1994 | | 12.53 | -1.11 | 22.56 |

Notes:
TOC = top of casing
(1) Change in Water Elevation since last reported measurement
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**Appendix B**
**Historical Groundwater Elevation Data (1983 to 2000)**
**Honeywell Inc./ Synertek Building # 1**
**3050 Coronado Drive**
**Santa Clara, California**

| WELL ID | Aquifer | MEASUREMENT_DATE | TOC ELEVATION(2) (feet) | DEPTH TO WATER (feet) | WATER ELEVATION CHANGES(1) (feet) | WATER ELEVATION(2) (feet) |
|---|---|---|---|---|---|---|
| MW-20B | B | 11/8/1994 | 35.09 | 12.82 | -0.29 | 22.27 |
| (cont). | | 2/21/1995 | | 11.42 | 1.4 | 23.67 |
| | | 5/17/1995 | | 10.65 | 0.77 | 24.44 |
| | | 8/15/1995 | | 11.55 | -0.9 | 23.54 |
| | | 11/17/1995 | | 11.92 | -0.37 | 23.17 |
| | | 2/12/1996 | | 10.42 | 1.5 | 24.67 |
| | | 5/22/1996 | | 10.38 | 0.04 | 24.71 |
| | | 8/18/1996 | | 11.48 | -1.1 | 23.61 |
| | | 11/6/1996 | | 10.85 | 0.63 | 24.24 |
| | | 1/20/1997 | | 8.92 | 1.93 | 26.17 |
| | | 7/22/1997 | | 8.92 | 0 | 26.17 |
| | | 1/20/1998 | | 9.87 | -0.95 | 25.22 |
| | | 7/14/1998 | | 8.9 | 0.97 | 26.19 |
| | | 2/1/1999 | | 7.89 | 1.01 | 27.2 |
| | | 7/12/1999 | | 8.45 | -0.56 | 26.64 |
| | | 1/4/2000 | | 9.9 | -1.45 | 25.19 |
| | | 8/28/2000 | | 8.47 | 1.43 | 26.62 |
| MW-25B | B | 12/12/1988 | MW-25B | 14.77 | NA | 19.29 |
| | | 3/29/1989 | | 14.03 | 0.74 | 20.03 |
| | | 6/23/1989 | | 13.48 | 0.55 | 20.58 |
| | | 8/21/1989 | | 12.8 | 0.68 | 21.26 |
| | | 9/28/1989 | | 12.44 | 0.36 | 21.62 |
| | | 12/8/1989 | | 12.87 | -0.43 | 21.19 |
| | | 3/8/1990 | | 12.13 | 0.74 | 21.93 |
| | | 6/8/1990 | | 12.6 | -0.47 | 21.46 |
| | | 9/8/1990 | | 13.45 | -0.85 | 20.61 |
| | | 12/8/1990 | | 13.73 | -0.28 | 20.33 |
| | | 3/9/1991 | | 12.41 | 1.32 | 21.65 |
| | | 6/1/1991 | | 12.79 | -0.38 | 21.27 |
| | | 8/3/1991 | | 12.78 | 0.01 | 21.28 |
| | | 11/8/1991 | | 12.64 | 0.14 | 21.42 |
| | | 3/10/1992 | | 10.12 | 2.52 | 23.94 |
| | | 5/26/1992 | | 12.1 | -1.98 | 21.96 |
| | | 8/25/1992 | | 12.47 | -0.37 | 21.59 |
| | | 11/12/1992 | | 12.74 | -0.27 | 21.32 |
| | | 2/11/1993 | | 10.41 | 2.33 | 23.65 |
| | | 5/13/1993 | | 9.96 | 0.45 | 24.1 |
| | | 8/25/1993 | | 11.65 | -1.69 | 22.41 |
| | | 11/10/1993 | | 11.32 | 0.33 | 22.74 |
| | | 2/10/1994 | | 10.05 | 1.27 | 24.01 |
| | | 5/6/1994 | | 11.5 | -1.45 | 22.56 |
| | | 9/6/1994 | | 11.47 | 0.03 | 22.59 |
| | | 11/8/1994 | | 11.53 | -0.06 | 22.53 |
| | | 2/21/1995 | | 11.5 | 0.03 | 22.56 |
| | | 5/17/1995 | | 8.35 | 3.15 | 25.71 |
| | | 8/15/1995 | | 10.2 | -1.85 | 23.86 |
| | | 11/17/1995 | | 10.68 | -0.48 | 23.38 |

Notes:
TOC = top of casing
(1) Change in Water Elevation since last reported measurement
(2) Measurements Based on Mean Sea Level
NM = not measured
NA= not applicable

**Appendix B**
**Historical Groundwater Elevation Data (1983 to 2000)**
**Honeywell Inc./ Synertek Building # 1**
**3050 Coronado Drive**
**Santa Clara, California**

| WELL ID | Aquifer | MEASUREMENT_DATE | TOC ELEVATION[2] (feet) | DEPTH TO WATER (feet) | WATER ELEVATION CHANGES[1] (feet) | WATER ELEVATION[2] (feet) |
|---|---|---|---|---|---|---|
| MW-25B (cont). | B | 2/12/1996 | MW-25B | 8.77 | 1.91 | 25.29 |
| | | 5/22/1996 | | 8.75 | 0.02 | 25.31 |
| | | 8/18/1996 | | 10.67 | -1.92 | 23.39 |
| | | 11/6/1996 | | 9.77 | 0.9 | 24.29 |
| | | 1/20/1997 | | 6.76 | 3.01 | 27.3 |
| | | 7/22/1997 | | 9.34 | -2.58 | 24.72 |
| | | 1/20/1998 | | 7.83 | 1.51 | 26.23 |
| | | 7/14/1998 | | 8.02 | -0.19 | 26.04 |
| | | 2/1/1999 | | 6.52 | 1.5 | 27.54 |
| | | 7/12/1999 | | 8.45 | -1.93 | 25.61 |
| | | 1/4/2000 | | 7.7 | 0.75 | 26.36 |
| | | 8/28/2000 | | 8.54 | -0.84 | 25.52 |
| PW-3 | B | 12/18/1987 | 31.9 | 7.48 | NA | 24.42 |
| | | 1/7/1988 | | 7.07 | 0.41 | 24.83 |
| | | 1/12/1988 | | 7.21 | -0.14 | 24.69 |
| | | 1/22/1988 | | 17.3 | -10.09 | 14.6 |
| | | 3/22/1988 | | 17.36 | -0.06 | 14.54 |
| | | 9/26/1988 | | 7.82 | 9.54 | 24.08 |
| | | 12/12/1988 | | 9.62 | -1.8 | 22.28 |
| | | 1/20/1997 | | 13.49 | -3.87 | 18.41 |
| | | 7/22/1997 | | 15.72 | -2.23 | 16.18 |
| | | 1/20/1998 | | 14.35 | 1.37 | 17.55 |
| | | 7/14/1998 | | 14.5 | -0.15 | 17.4 |
| | | 2/1/1999 | | 11.45 | 3.05 | 20.45 |
| | | 7/12/1999 | | 13.65 | -2.2 | 18.25 |
| | | 1/4/2000 | | 15.8 | -2.15 | 16.1 |
| | | 8/28/2000 | | 18.15 | -2.35 | 13.75 |
| PW-7 | B | 7/22/1997 | NM | 17.8 | NA | NA |
| | | 1/20/1998 | | 16.97 | NA | NA |
| | | 7/14/1998 | | 17.52 | NA | NA |
| | | 2/1/1999 | | 15.97 | NA | NA |
| | | 7/12/1999 | | 18.97 | NA | NA |
| | | 8/28/2000 | | 20.2 | NA | NA |

Notes:
TOC = top of casing
(1) Change in Water Elevation since last reported measurement
(2) Measurements Based on Mean Sea Level
NM = not measured
NA= not applicable

# Appendix C
# Summary of Historical Total Target Volatile Organic Compound Concentrations (1983–2000)

Appendix C
Historical Total Target Volatile Organic Compounds (1983 to 2000)
Honeywell, Inc./Synertek Building #1
3050 Coronado Drive
Santa Clara, California

| Well ID | Aquifer | Date | 1,1,1-Trichloro ethane (µg/L) | 1,1-Dichloro-ethane (µg/L) | 1,1-Dichloro-ethene (µg/L) | Freon 113 (µg/L) | trans-1,2-Dichloro-ethene (µg/L) | Trichloro-ethene (µg/L) | Vinyl chloride (µg/L) |
|---|---|---|---|---|---|---|---|---|---|
| MW-01A | A | 01/20/83 | <1 | <1 | <1 | <1 | -- | 2 | -- |
| | | 09/21/83 | <10 | <10 | <10 | -- | -- | <10 | -- |
| | | 07/02/84 | <1 | <1 | <1 | <1 | -- | 4 | <1 |
| | | 09/13/84 | <1 | <1 | <1 | <1 | -- | <1 | <1 |
| | | 12/05/84 | <1 | <1 | <1 | <1 | -- | <1 | <1 |
| | | 12/17/84 | <1 | <1 | <1 | <1 | -- | <1 | <1 |
| | | 03/18/85 | <1 | <1 | <1 | <1 | -- | <1 | <1 |
| | | 05/14/85 | <1 | <1 | <1 | <1 | -- | <1 | <1 |
| | | 12/18/85 | <0.05 | <0.05 | 0.7 | -- | -- | 0.06 | 0.2 |
| | | 08/07/91 | 4.4 | <1 | <0.5 | 1.5 | -- | <0.5 | 2 |
| | | 11/09/91 | 14 | 3.4 | <0.5 | <1 | -- | <0.5 | <0.5 |
| | | 08/24/92 | 8 | 1.7 | <0.5 | <1 | -- | <0.5 | <0.5 |
| | | 08/24/93 | 5.6 | 2 | <0.5 | <1 | -- | <0.5 | <0.5 |
| | | 09/01/94 | 2.9 | 1 | <0.5 | <1 | <0.5 | <0.5 | <0.5 |
| | | 08/16/95 | 6.2 | 1.9 | <1.3 | 1.1 | <1 | <1.2 | <0.5 |
| | | 08/20/96 | 7.7 | 2.1 | <1.3 | 1.8 | <1 | <1.2 | <0.5 |
| | | 01/22/97 | 3 | 2.2 | <1 | 4.2 | <1 | <10 | <0.5 |
| | | 01/21/98 | <5 | <5 | <5 | -- | <5 | <5 | <0.5 |
| | | 02/02/99 | <1 | <1 | <1 | 3 | <1 | <1 | <0.5 |
| | | 01/10/00 | <1 | <1 | <1 | 4 | <1 | <1 | <0.5 |

Appendix C
Historical Total Target Volatile Organic Compounds (1983 to 2000)
Honeywell, Inc./Synertek Building #1
3050 Coronado Drive
Santa Clara, California

| Well ID | Aquifer | Date | 1,1,1-Trichloro ethane (µg/L) | 1,1-Dichloro-ethane (µg/L) | 1,1-Dichloro-ethene (µg/L) | Freon 113 (µg/L) | trans-1,2-Dichloro-ethene (µg/L) | Trichloro-ethene (µg/L) | Vinyl chloride (µg/L) |
|---|---|---|---|---|---|---|---|---|---|
| MW-02A | A | 01/20/83 | 900 | 280 | 800 | 1300 | -- | 1600 | -- |
| | | 09/21/83 | 550 | <10 | 275 | -- | -- | 1220 | -- |
| | | 07/02/84 | 110 | 96 | 130 | <1 | -- | 520 | 9 |
| | | 09/13/84 | 82 | 120 | 133 | 400 | -- | 505 | <1 |
| | | 12/05/84 | 130 | 120 | 150 | 410 | -- | 400 | 15 |
| | | 12/17/84 | 110 | 84 | 140 | 460 | -- | 420 | 23 |
| | | 03/18/85 | 115 | 69 | 86 | 360 | -- | 280 | 19 |
| | | 05/14/85 | 90 | 48 | 81 | 270 | -- | 240 | 29 |
| | | 12/18/85 | 94 | 63 | 95 | -- | -- | 326 | 23 |
| | | 05/05/87 | 25 | 29 | 44 | -- | -- | 350 | 17 |
| | | 09/23/87 | <9 | <9 | 15 | 39 | -- | 270 | <9 |
| | | 03/31/88 | <5 | 17 | 27 | 26 | -- | 160 | <5 |
| | | 10/01/88 | 4.4 | 15 | 16 | 54 | -- | 160 | <2.5 |
| | | 03/30/89 | 6.6 | 20 | 2.6 | 125 | -- | 260 | <2 |
| | | 06/23/89 | 4.8 | 16 | 19 | 41 | -- | 110 | <2 |
| | | 09/29/89 | 5.9 | 18 | 36 | 63 | -- | 290 | <2 |
| | | 03/08/90 | 9.1 | 23 | 55 | 42 | -- | 280 | <20 |
| | | 09/10/90 | 5.2 | 17 | 42 | 79 | -- | 310 | <2 |
| | | 03/11/91 | <5 | 10 | 8 | -- | -- | 150 | <10 |
| | | 08/06/91 | 4.2 | 12 | 16 | 34 | -- | 190 | <2 |
| | | 03/09/92 | <5 | <5 | <5 | <5 | -- | 47 | -- |
| | | 08/24/92 | 2.8 | 13 | 18 | 54 | -- | 63 | <0.5 |
| | | 02/04/93 | <5 | 6 | 7 | 16 | -- | 87 | <10 |
| | | 08/24/93 | 1 | 7.2 | 9.1 | 13 | -- | 160 | <0.5 |
| | | 02/08/94 | <5 | <5 | <5 | <5 | -- | 5 | <10 |
| | | 09/01/94 | <0.5 | 2.3 | 1.8 | 2.3 | <0.5 | 28 | <0.5 |
| | | 02/22/95 | <1 | 1.1 | 1 | 1.5 | <1 | 20 | <0.5 |
| | | 08/16/95 | <2.5 | 3.7 | <6.5 | 5.6 | <5 | 63 | <2.5 |
| | | 02/13/96 | <1 | 5.4 | 5 | 6 | <1 | 67 | <0.5 |
| | | 08/21/96 | 1.3 | 6.8 | 7.2 | 4.6 | <1 | 68 | <0.5 |
| | | 01/22/97 | <1 | <1 | <1 | <1 | <1 | <10 | <0.5 |
| | | 01/21/98 | <5 | <5 | <5 | -- | <5 | <5 | <0.5 |
| | | 02/04/99 | <1 | <1 | <1 | <1 | <1 | 14 | <0.5 |
| | | 01/06/00 | <1 | <1 | 4 | 7 | <1 | 66 | <0.5 |

Appendix C
Historical Total Target Volatile Organic Compounds (1983 to 2000)
Honeywell, Inc./Synertek Building #1
3050 Coronado Drive
Santa Clara, California

| Well ID | Aquifer | Date | 1,1,1-Trichloro ethane (µg/L) | 1,1-Dichloro-ethane (µg/L) | 1,1-Dichloro-ethene (µg/L) | Freon 113 (µg/L) | trans-1,2-Dichloro-ethene (µg/L) | Trichloro-ethene (µg/L) | Vinyl chloride (µg/L) |
|---|---|---|---|---|---|---|---|---|---|
| MW-03A | A | 01/20/83 | 57 | 8 | 11 | 65 | -- | 110 | -- |
| | | 09/21/83 | 36 | 26 | 6 | -- | -- | 77 | -- |
| | | 07/02/84 | 53 | 21 | 15 | 63 | -- | 127 | <1 |
| | | 09/13/84 | 18 | 9 | 10 | 70 | -- | 76 | <1 |
| | | 12/05/84 | 16 | 13 | 8 | 45 | -- | 43 | <1 |
| | | 12/17/84 | 14 | 11 | 6 | 55 | -- | 48 | <1 |
| | | 03/18/85 | 17 | 8 | 6 | <1 | -- | 43 | <1 |
| | | 05/14/85 | 18 | 8 | 6 | 36 | -- | 41 | <1 |
| | | 12/18/85 | 4.3 | 2.8 | 1.1 | -- | -- | 11 | <0.18 |
| | | 09/22/87 | 9 | 6 | 1 | 8 | -- | 30 | <1 |
| | | 09/25/87 | 11 | 6.9 | 12 | 1.9 | -- | 49 | <0.5 |
| | | 03/29/88 | 7 | 3 | 5 | 3 | -- | 31 | <1 |
| | | 09/30/88 | 7.2 | 3.4 | 3.3 | 12 | -- | 36 | <0.5 |
| | | 03/31/89 | 10 | 2.8 | 5.4 | <2 | -- | 57 | <2 |
| | | 09/28/89 | 5.3 | 1.4 | 3.9 | 5.2 | -- | 46 | <2 |
| | | 03/08/90 | 5 | 2 | 5.1 | 3.8 | -- | 48 | <2 |
| | | 09/11/90 | 5.8 | <0.5 | 7.5 | 11 | -- | 44 | <2 |
| | | 03/11/91 | 7 | <5 | <5 | -- | -- | 41 | <10 |
| | | 08/06/91 | 7.9 | 2.1 | 5.3 | 11 | -- | 46 | <2 |
| | | 03/10/92 | <5 | <5 | <5 | 6 | -- | 36 | -- |
| | | 08/24/92 | 5.6 | 0.9 | 3.9 | 4.1 | -- | 49 | <0.5 |
| | | 02/04/93 | <5 | <5 | <5 | 5 | -- | 38 | <10 |
| | | 08/24/93 | 3 | 0.9 | 1.7 | 1.2 | -- | 37 | <0.5 |
| | | 02/08/94 | <5 | <5 | <5 | <5 | -- | 30 | <10 |
| | | 09/01/94 | 1.2 | <0.5 | 1.1 | <1 | <0.5 | 20 | <0.5 |
| | | 02/23/95 | <1 | <1 | <1 | <1 | <1 | 10 | <0.5 |
| | | 08/16/95 | 1.6 | <0.7 | <1.3 | <1 | <1 | 23 | <0.5 |
| | | 02/15/96 | 1.2 | <1 | 1.3 | <1 | <1 | 18 | <0.5 |
| | | 08/20/96 | 2.2 | 0.93 | 2.1 | <1 | <1 | 21 | <0.5 |
| | | 01/22/97 | <1 | <1 | <1 | <1 | <1 | <10 | <0.5 |
| | | 01/21/98 | <5 | <5 | <5 | -- | <5 | <5 | <0.5 |
| | | 02/04/99 | <1 | <1 | 2 | <1 | <1 | 13 | <0.5 |
| | | 01/05/00 | <1 | <1 | <1 | <1 | <1 | 9 | <0.5 |

Appendix C
Historical Total Target Volatile Organic Compounds (1983 to 2000)
Honeywell, Inc./Synertek Building #1
3050 Coronado Drive
Santa Clara, California

| Well ID | Aquifer | Date | 1,1,1-Trichloro ethane (µg/L) | 1,1-Dichloro-ethane (µg/L) | 1,1-Dichloro-ethene (µg/L) | Freon 113 (µg/L) | trans-1,2-Dichloro-ethene (µg/L) | Trichloro-ethene (µg/L) | Vinyl chloride (µg/L) |
|---|---|---|---|---|---|---|---|---|---|
| MW-07A | A | 07/02/84 | 110 | 64 | 76 | <1 | -- | 330 | <1 |
| | | 09/13/84 | 42 | 9 | 13 | 28 | -- | 40 | 19 |
| | | 12/05/84 | 200 | 80 | 90 | 180 | -- | 270 | 40 |
| | | 12/17/84 | 220 | 88 | 110 | 220 | -- | 280 | 14 |
| | | 03/18/85 | 230 | 50 | 54 | <1 | -- | 200 | 21 |
| | | 05/14/85 | 150 | 38 | 53 | 130 | -- | 180 | 36 |
| | | 12/18/85 | 91 | 45 | 50 | -- | -- | 234 | 36 |
| | | 05/05/87 | 26 | 14 | 19 | -- | -- | 170 | 6 |
| | | 09/23/87 | 12 | 19 | 21 | 20 | -- | 170 | <5 |
| | | 03/31/88 | 8 | 27 | 47 | 22 | -- | 180 | <5 |
| | | 10/01/88 | 9.4 | 19 | 23 | 58 | -- | 210 | <2.5 |
| | | 04/03/89 | 6.7 | 19 | 26 | 10 | -- | 220 | <2 |
| | | 09/29/89 | 12 | 17 | 18 | 5.9 | -- | 200 | <20 |
| | | 03/08/90 | 30 | 20 | 30 | <40 | -- | 230 | <40 |
| | | 09/10/90 | 11 | 27 | 42 | 45 | -- | 210 | <2 |
| | | 03/11/91 | 5 | 13 | 14 | -- | -- | 130 | <10 |
| | | 08/06/91 | 9.3 | 27 | 24 | 28 | -- | 160 | <2 |
| | | 03/09/92 | <5 | 10 | 9 | 11 | -- | 110 | -- |
| | | 08/24/92 | 6.4 | 16 | 14 | 18 | -- | 95 | <0.5 |
| | | 02/04/93 | 5 | 9 | 6 | 7 | -- | 79 | <10 |
| | | 08/24/93 | 3.5 | 7.5 | 4.5 | 4 | -- | 78 | <0.5 |
| | | 02/08/94 | <5 | 5 | <5 | 6 | -- | 64 | <10 |
| | | 09/29/94 | 1.8 | 4.4 | 5 | <2 | <1 | 57 | <4 |
| | | 02/22/95 | 2.5 | 3.8 | 3.3 | 2.3 | <1 | 52 | 1.1 |
| | | 08/16/95 | 3.5 | 4.1 | <6.5 | 5.3 | <5 | 68 | <2.5 |
| | | 02/13/96 | <1 | 2.5 | 2.7 | 1.7 | <1 | 37 | <0.5 |
| | | 08/21/96 | 2.4 | 6 | 12 | 5.4 | <1 | 69 | 0.51 |
| | | 01/22/97 | 4.4 | 1.9 | <1 | <1 | <1 | 20 | <0.5 |
| | | 01/21/98 | 6 | <5 | <5 | -- | <5 | 13 | <0.5 |
| | | 02/04/99 | 4 | <1 | <1 | <1 | <1 | 11 | <0.5 |
| | | 01/06/00 | 3 | 3 | 5 | <1 | <1 | 19 | <0.5 |

Appendix C
Historical Total Target Volatile Organic Compounds (1983 to 2000)
Honeywell, Inc./Synertek Building #1
3050 Coronado Drive
Santa Clara, California

| Well ID | Aquifer | Date | 1,1,1-Trichloro ethane (µg/L) | 1,1-Dichloro-ethane (µg/L) | 1,1-Dichloro-ethene (µg/L) | Freon 113 (µg/L) | trans-1,2-Dichloro-ethene (µg/L) | Trichloro-ethene (µg/L) | Vinyl chloride (µg/L) |
|---|---|---|---|---|---|---|---|---|---|
| MW-08A | A | 09/21/83 | 22 | 100 | 24 | -- | -- | 320 | -- |
| | | 07/02/84 | 13 | 45 | 26 | <1 | -- | 260 | <1 |
| | | 09/13/84 | 12 | 42 | 31 | 190 | -- | 270 | <1 |
| | | 12/05/84 | 9 | 50 | 28 | 260 | -- | 180 | <1 |
| | | 12/17/84 | 10 | 44 | 31 | 350 | -- | 190 | <1 |
| | | 03/18/85 | 7 | 29 | 18 | 220 | -- | 150 | <1 |
| | | 05/14/85 | 5 | 18 | 15 | 160 | -- | 110 | <1 |
| | | 12/18/85 | 4.4 | 3.2 | 3.7 | -- | -- | 38 | <0.18 |
| | | 09/23/87 | <0.5 | 7 | 11 | 9 | -- | 19 | <0.5 |
| | | 03/29/88 | 3 | 6.9 | 9 | 3.3 | -- | 21 | 1.2 |
| | | 03/31/89 | 4.1 | 8.9 | 7.2 | 19 | -- | 44 | <2 |
| | | 10/01/89 | 2.3 | 5.8 | 5.5 | 11 | -- | 31 | <2 |
| | | 03/08/90 | 1.9 | 9.9 | 11 | 9.4 | -- | 34 | <2 |
| | | 09/10/90 | 3 | 5.5 | 14 | 8.6 | -- | 40 | <2 |
| | | 03/11/91 | <5 | <5 | <5 | -- | -- | 9 | <10 |
| | | 08/06/91 | 3.8 | 3.1 | 4.9 | 13 | -- | 42 | <2 |
| | | 03/07/92 | <5 | <5 | <5 | <5 | -- | 26 | -- |
| | | 08/24/92 | 1.9 | 4.6 | 4.7 | 7.2 | -- | 28 | <0.5 |
| | | 02/04/93 | <5 | <5 | <5 | 6 | -- | 25 | <10 |
| | | 08/24/93 | 0.9 | 2.2 | 2.8 | 2.9 | -- | 19 | <0.5 |
| | | 02/08/94 | <5 | <5 | <5 | <5 | -- | 23 | <10 |
| | | 09/01/94 | <0.5 | 2.7 | 2.5 | 2.2 | <0.5 | 16 | <0.5 |
| | | 02/22/95 | <1 | 1.7 | 1.5 | 1.3 | <1 | 23 | <0.5 |
| | | 08/16/95 | <5 | <7 | <13 | <10 | <10 | <12 | <5 |
| | | 02/13/96 | <1 | 1.3 | 1.3 | <1 | <1 | 14 | <0.5 |
| | | 08/21/96 | 0.9 | 3.7 | 3.6 | 1.6 | <1 | 20 | <0.5 |
| | | 01/22/97 | <1 | <1 | <1 | 1.1 | <1 | <10 | <0.5 |
| | | 01/21/98 | <5 | <5 | <5 | -- | <5 | <5 | <0.5 |
| | | 02/04/99 | <1 | 4 | 3 | 2 | <1 | 15 | <0.5 |
| | | 01/06/00 | <1 | <1 | 6 | 3 | <1 | 15 | <0.5 |

Appendix C
Historical Total Target Volatile Organic Compounds (1983 to 2000)
Honeywell, Inc./Synertek Building #1
3050 Coronado Drive
Santa Clara, California

| Well ID | Aquifer | Date | 1,1,1-Trichloro ethane (µg/L) | 1,1-Dichloro-ethane (µg/L) | 1,1-Dichloro-ethene (µg/L) | Freon 113 (µg/L) | trans-1,2-Dichloro-ethene (µg/L) | Trichloro-ethene (µg/L) | Vinyl chloride (µg/L) |
|---|---|---|---|---|---|---|---|---|---|
| MW-10A | A | 12/07/84 | <1 | 29 | 10 | 87 | -- | 23 | <1 |
| | | 12/20/84 | <1 | 35 | 16 | <1 | -- | 5 | <1 |
| | | 03/18/85 | <1 | <1 | <1 | <1 | -- | 2 | <1 |
| | | 05/14/85 | <1 | <1 | <1 | <1 | -- | 23 | <1 |
| | | 12/18/85 | <0.05 | 0.7 | 0.1 | -- | -- | 5.9 | 0.6 |
| | | 09/22/87 | <0.5 | <0.5 | <0.5 | 1 | -- | 1 | <0.5 |
| | | 03/25/88 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <0.5 | <0.5 |
| | | 09/27/88 | <0.5 | <0.5 | <0.5 | <0.5 | -- | 0.6 | <0.5 |
| | | 03/29/89 | <0.5 | <0.5 | <0.5 | <2 | -- | 1.1 | <2 |
| | | 09/29/89 | <0.5 | <0.5 | <0.5 | <2 | -- | 1.5 | <2 |
| | | 03/08/90 | <0.5 | <0.5 | <0.5 | <2 | -- | 1.2 | <2 |
| | | 09/10/90 | <0.5 | <0.5 | <0.5 | <1 | -- | 0.8 | <2 |
| | | 03/11/91 | <5 | <5 | <5 | -- | -- | <5 | <10 |
| | | 08/06/91 | <0.5 | <0.5 | <0.5 | <1 | -- | <0.5 | <2 |
| | | 08/21/92 | <0.5 | <0.5 | <0.5 | <1 | -- | <0.5 | <0.5 |
| | | 02/03/93 | <5 | <5 | <5 | <5 | -- | <5 | <10 |
| | | 08/24/93 | 1.3 | 0.8 | 0.7 | <1 | -- | 16 | <0.5 |
| | | 02/09/94 | <5 | <5 | <5 | <5 | -- | <5 | <10 |
| | | 09/01/94 | <0.5 | <0.5 | <0.5 | <1 | <0.5 | <0.5 | <0.5 |
| | | 02/23/95 | <1 | 1 | <1 | <1 | <1 | <1 | <0.5 |
| | | 08/16/95 | 0.66 | 1.3 | <1.3 | <1 | <1 | 11 | <0.5 |
| | | 02/15/96 | <1 | <1 | <1 | <1 | <1 | <1 | <0.5 |
| | | 08/20/96 | 1.1 | 1.1 | <1.3 | <1 | <1 | <1.2 | <0.5 |
| | | 01/22/97 | <1 | <1 | <1 | <1 | <1 | <10 | <0.5 |
| | | 01/21/98 | <5 | <5 | <5 | -- | <5 | <5 | <0.5 |
| | | 02/02/99 | <1 | <1 | <1 | <1 | <1 | <1 | <0.5 |
| | | 01/05/00 | <1 | <1 | <1 | <1 | <1 | 7 | <0.5 |

Appendix C
Historical Total Target Volatile Organic Compounds (1983 to 2000)
Honeywell, Inc./Synertek Building #1
3050 Coronado Drive
Santa Clara, California

| Well ID | Aquifer | Date | 1,1,1-Trichloro ethane (µg/L) | 1,1-Dichloro-ethane (µg/L) | 1,1-Dichloro-ethene (µg/L) | Freon 113 (µg/L) | trans-1,2-Dichloro-ethene (µg/L) | Trichloro-ethene (µg/L) | Vinyl chloride (µg/L) |
|---|---|---|---|---|---|---|---|---|---|
| MW-11A | A | 03/18/85 | <1 | 13 | 6 | 45 | -- | 39 | <1 |
| | | 05/14/85 | 3 | 11 | 6 | 24 | -- | 33 | <1 |
| | | 12/18/85 | 1.6 | 20 | 10 | -- | -- | 42 | 0.15 |
| | | 09/22/87 | 3 | 4 | 2 | 4 | -- | 24 | <1 |
| | | 12/21/87 | 4 | 4 | 3 | 4 | -- | 24 | <0.5 |
| | | 03/30/88 | 2.1 | 1.4 | 2.8 | <0.5 | -- | 20.05 | <0.5 |
| | | 06/29/88 | 4.4 | 0.8 | 2.8 | 1.8 | -- | 40 | <0.5 |
| | | 09/30/88 | 3.8 | 2 | 2.4 | 2.5 | -- | 32 | <0.5 |
| | | 12/14/88 | 2.5 | <0.5 | 3.1 | <0.5 | -- | 38 | <0.5 |
| | | 03/31/89 | 2.8 | 1.3 | 1.9 | <2 | -- | 32 | <2 |
| | | 06/23/89 | 2.6 | 1.1 | 3.6 | <2 | -- | 32 | <2 |
| | | 09/29/89 | 2.8 | 1.1 | 2.5 | <2 | -- | 38 | <2 |
| | | 12/08/89 | 1.5 | 1.1 | 1.3 | <1 | -- | 30 | <2 |
| | | 03/08/90 | 2.5 | 1.9 | 3 | <2 | -- | 30 | <2 |
| | | 06/08/90 | 2.4 | 1.2 | 2.3 | <1 | -- | 24 | <2 |
| | | 09/10/90 | 3 | <2.5 | 2.5 | <5 | -- | 28 | <10 |
| | | 12/08/90 | 3.1 | 2.2 | 3.3 | <1 | -- | 27 | <2 |
| | | 03/11/91 | <5 | <5 | <5 | -- | -- | 23 | <10 |
| | | 06/01/91 | 2 | 0.9 | 2.2 | <1 | -- | 24 | <2 |
| | | 08/06/91 | 3.2 | <0.5 | 1.4 | 1.3 | -- | 24 | <2 |
| | | 11/09/91 | 2.7 | 1.5 | 2.2 | <1 | -- | 29 | <0.5 |
| | | 03/07/92 | <5 | <5 | <5 | <5 | -- | 19 | -- |
| | | 05/26/92 | 1.7 | <0.5 | 1.1 | <1 | -- | 16 | <2 |
| | | 08/24/92 | 2.6 | 1.2 | 1.8 | <1 | -- | 23 | <0.5 |
| | | 11/12/92 | <0.5 | <0.5 | <0.5 | <1 | -- | <0.5 | <2 |
| | | 02/04/93 | <5 | <5 | <5 | <5 | -- | 18 | <10 |
| | | 05/13/93 | 1.7 | 0.6 | 1.5 | <1 | -- | 17 | <0.5 |
| | | 08/24/93 | <0.5 | <0.5 | <0.5 | <1 | -- | <0.5 | <0.5 |
| | | 11/09/93 | 1.4 | 0.6 | 0.8 | <1 | -- | 21 | <0.5 |
| | | 02/08/94 | <5 | <5 | <5 | <5 | -- | 15 | <10 |
| | | 05/05/94 | 0.6 | <0.5 | 0.8 | <1 | <0.5 | 14 | <0.5 |
| | | 09/01/94 | <0.5 | 0.6 | <0.5 | <1 | <0.5 | 9.5 | <0.5 |
| | | 11/11/94 | 0.9 | 0.9 | 0.8 | <1 | <0.5 | 15 | <0.5 |
| | | 02/23/95 | <1 | 1.2 | <1 | <1 | <1 | 14 | <0.5 |
| | | 06/07/95 | <0.5 | <0.7 | <1.3 | <1 | <1 | 11 | <0.5 |

Appendix C
Historical Total Target Volatile Organic Compounds (1983 to 2000)
Honeywell, Inc./Synertek Building #1
3050 Coronado Drive
Santa Clara, California

| Well ID | Aquifer | Date | 1,1,1-Trichloro ethane (µg/L) | 1,1-Dichloro-ethane (µg/L) | 1,1-Dichloro-ethene (µg/L) | Freon 113 (µg/L) | trans-1,2-Dichloro-ethene (µg/L) | Trichloro-ethene (µg/L) | Vinyl chloride (µg/L) |
|---|---|---|---|---|---|---|---|---|---|
| MW-11A | A | 08/16/95 | <0.5 | <0.7 | <1.3 | <1 | <1 | <1.2 | <0.5 |
| | | 11/21/95 | <0.5 | <0.7 | <1.3 | <1 | <1 | 7.4 | <0.5 |
| | | 02/13/96 | <1 | <1 | <1 | <1 | <1 | 9.7 | <0.5 |
| | | 05/28/96 | 0.86 | 0.96 | <1.3 | <1 | <1 | 10 | <0.5 |
| | | 08/20/96 | 1.3 | 1.5 | 1.6 | <1 | <1 | 13 | <0.5 |
| | | 11/08/96 | 0.92 | <0.7 | <1.3 | <1 | <1 | 12 | <0.5 |
| | | 01/22/97 | <1 | <1 | <1 | <1 | <1 | <10 | <0.5 |
| | | 07/23/97 | <0.5 | <0.5 | <0.5 | <1 | <0.5 | 11 | <0.5 |
| | | 01/21/98 | <5 | <5 | <5 | -- | <5 | 7 | <0.5 |
| | | 07/15/98 | <0.5 | 0.66 | <5 | <5 | <0.5 | 5.6 | <0.5 |
| | | 02/02/99 | <1 | <1 | <1 | <1 | <1 | 7 | <0.5 |
| | | 07/13/99 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 7 | <0.5 |
| | | 01/05/00 | <1 | <1 | <1 | <1 | <1 | <1 | <0.5 |
| | | 08/30/00 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 5.7 | <0.5 |

Appendix C
Historical Total Target Volatile Organic Compounds (1983 to 2000)
Honeywell, Inc./Synertek Building #1
3050 Coronado Drive
Santa Clara, California

| Well ID | Aquifer | Date | 1,1,1-Trichloro ethane (µg/L) | 1,1-Dichloro-ethane (µg/L) | 1,1-Dichloro-ethene (µg/L) | Freon 113 (µg/L) | trans-1,2-Dichloro-ethene (µg/L) | Trichloro-ethene (µg/L) | Vinyl chloride (µg/L) |
|---|---|---|---|---|---|---|---|---|---|
| MW-12A | A | 12/07/84 | 720 | 380 | 510 | <1 | -- | 800 | <1 |
| | | 12/20/84 | 660 | 240 | 290 | 450 | -- | 820 | <1 |
| | | 03/18/85 | 780 | 260 | 340 | 960 | -- | 670 | <1 |
| | | 05/14/85 | 650 | 182 | 330 | 820 | -- | 530 | <1 |
| | | 12/18/85 | 463 | 224 | 282 | -- | -- | 626 | <1 |
| | | 05/05/87 | 340 | 69 | 160 | -- | -- | 370 | <5 |
| | | 03/29/88 | 83 | 60 | <10 | 40 | -- | 360 | <10 |
| | | 09/27/88 | 38 | 39 | 50 | 83 | -- | 330 | <5 |
| | | 03/30/89 | 35 | 41 | <0.5 | <2 | -- | 140 | <2 |
| | | 07/03/89 | 79 | 74 | 83 | 44 | -- | 73 | <20 |
| | | 09/29/89 | 79 | 100 | 145 | 110 | -- | 460 | <20 |
| | | 09/30/89 | 78 | 100 | 130 | 96 | -- | 460 | <20 |
| | | 03/08/90 | 40 | 46 | 42 | 66 | -- | 13 | <10 |
| | | 09/10/90 | 19 | 47 | 91 | 87 | -- | 340 | <2 |
| | | 03/11/91 | 24 | 40 | 52 | -- | -- | 140 | <10 |
| | | 08/06/91 | 18 | 38 | 41 | 43 | -- | 260 | <2 |
| | | 03/07/92 | 10 | 37 | 39 | <5 | -- | 200 | -- |
| | | 08/21/92 | 14 | 43 | 50 | 62 | -- | 190 | <0.5 |
| | | 02/03/93 | 6 | 23 | 28 | 27 | -- | 160 | <10 |
| | | 08/23/93 | 6.6 | 26 | 28 | 24 | -- | 140 | <0.5 |
| | | 02/08/94 | <5 | 24 | 25 | 28 | -- | 160 | <10 |
| | | 09/01/94 | 5.2 | 43 | 38 | 26 | <5 | 190 | <5 |
| | | 02/23/95 | 3.5 | 20 | 16 | 13 | <1 | 140 | <0.5 |
| | | 08/18/95 | 5.6 | 20 | 16 | 11 | <10 | 160 | <5 |
| | | 02/13/96 | 2.7 | 17 | 16 | 11 | <1 | 110 | <0.5 |
| | | 08/20/96 | 5.8 | 22 | 21 | 9.8 | <5 | 130 | <2.5 |
| | | 01/22/97 | 2.7 | 15 | 13 | 13 | <1 | 110 | <0.5 |
| | | 01/21/98 | <5 | 13 | 10 | -- | <5 | 86 | <0.5 |
| | | 02/02/99 | 2 | 15 | 12 | 10 | <1 | 100 | <0.5 |
| | | 01/05/00 | 3 | 21 | 27 | 19 | <1 | 140 | <0.5 |

Appendix C
Historical Total Target Volatile Organic Compounds (1983 to 2000)
Honeywell, Inc./Synertek Building #1
3050 Coronado Drive
Santa Clara, California

| Well ID | Aquifer | Date | 1,1,1-Trichloro ethane (µg/L) | 1,1-Dichloro-ethane (µg/L) | 1,1-Dichloro-ethene (µg/L) | Freon 113 (µg/L) | trans-1,2-Dichloro-ethene (µg/L) | Trichloro-ethene (µg/L) | Vinyl chloride (µg/L) |
|---|---|---|---|---|---|---|---|---|---|
| MW-14A | A | 03/18/85 | <1 | <1 | <1 | <1 | -- | <1 | <1 |
| | | 05/14/85 | <1 | <1 | <1 | <1 | -- | <1 | <1 |
| | | 12/18/85 | 0.07 | <0.05 | 0.1 | -- | -- | <0.5 | <0.05 |
| | | 09/22/87 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <0.5 | <0.5 |
| | | 03/24/88 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <0.5 | <0.5 |
| | | 09/27/88 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <0.5 | <0.5 |
| | | 04/03/89 | <0.5 | <0.5 | <0.5 | <2 | -- | <0.5 | <2 |
| | | 10/01/89 | <0.5 | <0.5 | <0.5 | <2 | -- | <0.5 | <2 |
| | | 03/10/90 | <0.5 | <0.5 | <0.5 | <2 | -- | <0.5 | <2 |
| | | 09/11/90 | <0.5 | <0.5 | <0.5 | <1 | -- | <0.5 | <2 |
| | | 03/11/91 | <5 | <5 | <5 | -- | -- | <5 | <10 |
| | | 08/06/91 | 3 | <0.5 | <0.5 | <1 | -- | <0.5 | <2 |
| | | 11/09/91 | <0.5 | <0.5 | <0.5 | <1 | -- | <0.5 | <0.5 |
| | | 08/25/92 | <0.5 | <0.5 | <0.5 | <1 | -- | <0.5 | <0.5 |
| | | 02/04/93 | <5 | <5 | <5 | <5 | -- | <5 | <10 |
| | | 08/24/93 | <0.5 | <0.5 | <0.5 | <1 | -- | <0.5 | <0.5 |
| | | 02/09/94 | <5 | <5 | <5 | <5 | -- | <5 | <10 |
| | | 09/02/94 | <0.5 | <0.5 | <0.5 | <1 | <0.5 | <0.5 | <0.5 |
| | | 02/23/95 | <1 | <1 | <1 | <1 | <1 | <1 | <0.5 |
| | | 08/17/95 | <0.5 | <0.7 | <1.3 | <1 | <1 | <1.2 | <0.5 |
| | | 02/15/96 | <1 | <1 | <1 | <1 | <1 | <1 | <0.5 |
| | | 08/21/96 | <0.5 | <0.7 | <1.3 | <1 | <1 | <1.2 | <0.5 |
| | | 01/22/97 | <1 | <1 | <1 | <1 | <1 | <10 | <0.5 |
| | | 01/23/98 | <5 | <5 | <5 | -- | <5 | <5 | <0.4 |
| | | 02/04/99 | <1 | <1 | <1 | <1 | <1 | <1 | <0.5 |
| | | 01/06/00 | <1 | <1 | <1 | <1 | <1 | <1 | <0.5 |

Appendix C
Historical Total Target Volatile Organic Compounds (1983 to 2000)
Honeywell, Inc./Synertek Building #1
3050 Coronado Drive
Santa Clara, California

| Well ID | Aquifer | Date | 1,1,1-Trichloro ethane (µg/L) | 1,1-Dichloro-ethane (µg/L) | 1,1-Dichloro-ethene (µg/L) | Freon 113 (µg/L) | trans-1,2-Dichloro-ethene (µg/L) | Trichloro-ethene (µg/L) | Vinyl chloride (µg/L) |
|---|---|---|---|---|---|---|---|---|---|
| MW-15A | A | 03/18/85 | <1 | <1 | <1 | <1 | -- | 2 | <1 |
| | | 05/14/85 | 8 | 15 | 20 | <1 | -- | <1 | <1 |
| | | 12/18/85 | 9.1 | 23 | 30 | -- | -- | 0.3 | <0.05 |
| | | 09/22/87 | 4 | 12 | 14 | <0.5 | -- | <0.5 | <0.5 |
| | | 12/21/87 | 1 | 8 | 1 | <0.5 | -- | <0.5 | <0.5 |
| | | 03/25/88 | 2.2 | 11 | 12 | <0.5 | -- | <0.5 | <0.5 |
| | | 06/29/88 | 3.8 | 16 | 18 | <0.5 | -- | <0.5 | <0.5 |
| | | 09/28/88 | 3.6 | 11 | 16 | <0.5 | -- | <0.5 | <0.5 |
| | | 12/14/88 | 0.9 | 14 | 7.3 | <0.5 | -- | <0.5 | <0.5 |
| | | 03/30/89 | 3.4 | 14 | 11 | <2 | -- | <0.5 | <2 |
| | | 06/23/89 | 3.7 | 15 | 15 | <2 | -- | <0.5 | <2 |
| | | 10/01/89 | 2.4 | 11 | 18 | <2 | -- | <0.5 | <2 |
| | | 12/09/89 | 1.6 | 11 | 15 | <1 | -- | <0.5 | <2 |
| | | 03/09/90 | 1.4 | 11 | 15 | <2 | -- | <0.5 | <2 |
| | | 06/09/90 | 1.7 | 9.1 | 15 | <1 | -- | <0.5 | <2 |
| | | 09/11/90 | 2 | 10 | 17 | <1 | -- | <0.5 | <2 |
| | | 12/08/90 | 1.8 | 8.2 | 19 | <1 | -- | <0.5 | <2 |
| | | 03/12/91 | <5 | 7 | <5 | -- | -- | <5 | <10 |
| | | 06/01/91 | 1.1 | 9 | 18 | <1 | -- | <0.5 | <2 |
| | | 08/07/91 | 3.1 | 8.9 | 13 | <1 | -- | <0.5 | <2 |
| | | 11/09/91 | 1.8 | 8.4 | 16 | <1 | -- | <0.5 | <0.5 |
| | | 03/01/92 | <5 | <5 | 6 | <5 | -- | <5 | -- |
| | | 05/26/92 | 1.2 | 8.3 | 14 | <1 | -- | <0.5 | <2 |
| | | 08/21/92 | 1.5 | 7.7 | 11 | <1 | -- | <0.5 | <0.5 |
| | | 11/12/92 | 0.5 | 8.4 | 10 | <1 | -- | 6.2 | <0.5 |
| | | 02/03/93 | <5 | 8 | 10 | <5 | -- | <5 | <10 |
| | | 05/13/93 | <0.5 | 4.9 | 4.8 | <1 | -- | <0.5 | <0.5 |
| | | 08/23/93 | 1.6 | 11 | 13 | <1 | -- | <0.5 | <0.5 |
| | | 11/09/93 | 0.7 | 13 | 7 | <1 | -- | <0.5 | <0.5 |
| | | 02/09/94 | <5 | 11 | 6 | <5 | -- | <5 | <10 |
| | | 05/05/94 | 0.7 | 13 | 11 | <1 | <0.5 | <0.5 | <0.5 |
| | | 09/06/94 | <0.5 | 6.2 | 12 | <1 | <0.5 | <0.5 | <0.5 |
| | | 11/11/94 | <0.5 | 8.6 | 7.7 | <1 | <0.5 | <0.5 | <0.5 |
| | | 02/23/95 | <1 | 4.6 | 3.4 | <1 | <1 | <1 | <0.5 |
| | | 06/07/95 | <0.5 | 8.9 | 8.9 | <1 | <1 | <1.2 | <0.5 |

Appendix C
Historical Total Target Volatile Organic Compounds (1983 to 2000)
Honeywell, Inc./Synertek Building #1
3050 Coronado Drive
Santa Clara, California

| Well ID | Aquifer | Date | 1,1,1-Trichloro ethane (µg/L) | 1,1-Dichloro-ethane (µg/L) | 1,1-Dichloro-ethene (µg/L) | Freon 113 (µg/L) | trans-1,2-Dichloro-ethene (µg/L) | Trichloro-ethene (µg/L) | Vinyl chloride (µg/L) |
|---|---|---|---|---|---|---|---|---|---|
| MW-15A | A | 08/18/95 | <0.5 | 9 | 9.3 | <1 | <1 | <1.2 | <0.5 |
| | | 11/22/95 | 1.1 | 9.3 | 9.8 | <1 | <1 | <1.2 | <0.5 |
| | | 02/14/96 | <1 | 6.1 | 7 | <1 | <1 | <1 | <0.5 |
| | | 08/20/96 | 1 | 7.2 | 8.7 | <1 | <1 | <1.2 | <0.5 |
| | | 11/08/96 | 0.8 | 4.7 | 4.5 | <1 | <1 | <1.2 | <0.5 |
| | | 01/22/97 | <1 | <1 | <1 | <1 | <1 | <10 | <0.5 |
| | | 07/23/97 | <0.5 | 0.6 | 1.3 | <1 | <0.5 | <0.5 | <0.5 |
| | | 01/23/98 | <5 | <5 | <5 | -- | <5 | <5 | <0.5 |
| | | 07/15/98 | <0.5 | 1.4 | <5 | <5 | <0.5 | <0.5 | <0.5 |
| | | 02/04/99 | <1 | 3 | 6 | <1 | <1 | <1 | <0.5 |
| | | 07/13/99 | <0.5 | 2.3 | 4 | <0.5 | <0.5 | <0.5 | <0.5 |
| | | 01/06/00 | <1 | <1 | 3 | <1 | <1 | <1 | <0.5 |
| | | 08/29/00 | <0.5 | 3.6 | 2.3 | <0.5 | <0.5 | <0.5 | <0.5 |

Appendix C
Historical Total Target Volatile Organic Compounds (1983 to 2000)
Honeywell, Inc./Synertek Building #1
3050 Coronado Drive
Santa Clara, California

| Well ID | Aquifer | Date | 1,1,1-Trichloro ethane (µg/L) | 1,1-Dichloro-ethane (µg/L) | 1,1-Dichloro-ethene (µg/L) | Freon 113 (µg/L) | trans-1,2-Dichloro-ethene (µg/L) | Trichloro-ethene (µg/L) | Vinyl chloride (µg/L) |
|---|---|---|---|---|---|---|---|---|---|
| MW-17A | A | 12/18/85 | 60 | 45 | 62 | -- | -- | 140 | <1 |
| | | 01/27/86 | 71 | 45 | 9 | -- | -- | 200 | 3 |
| | | 05/05/87 | 21 | 19 | 35 | -- | -- | 130 | <5 |
| | | 09/23/87 | 22 | 29 | 65 | 85 | -- | 150 | <3 |
| | | 03/31/88 | 10 | 22 | 65 | 39 | -- | 120 | <5 |
| | | 09/30/88 | 14 | 19 | 31 | 96 | -- | 120 | <2.5 |
| | | 04/03/89 | 10 | 16 | 27 | 120 | -- | 130 | <2 |
| | | 06/24/89 | 4.5 | 6.5 | 15 | 43 | -- | 110 | <2 |
| | | 09/30/89 | 12 | 11 | 28 | 61 | -- | 140 | <20 |
| | | 03/10/90 | 8.8 | 15 | 46 | 30 | -- | 130 | <20 |
| | | 09/08/90 | 5.2 | 14 | 20 | 57 | -- | 100 | <1.5 |
| | | 03/09/91 | <5 | 8 | 16 | -- | -- | 69 | <10 |
| | | 08/03/91 | 8.1 | 4.7 | 12 | 20 | -- | 78 | <2 |
| | | 03/07/92 | <5 | <5 | 8 | 19 | -- | 55 | -- |
| | | 08/21/92 | 3.9 | 6.3 | 12 | 38 | -- | 45 | 3 |
| | | 02/03/93 | <5 | <5 | 6 | 9 | -- | 36 | <10 |
| | | 08/23/93 | 1 | 2.5 | 4.6 | 5.9 | -- | 30 | 0.8 |
| | | 02/08/94 | <5 | <5 | 5 | 10 | -- | 34 | <10 |
| | | 09/02/94 | 1 | 4.8 | 5.4 | 8.4 | <0.5 | 41 | 3.2 |
| | | 02/23/95 | <1 | 4 | 4 | 4.4 | <1 | 34 | 3.5 |
| | | 08/17/95 | 1.1 | 4 | 5.6 | 6.1 | <1 | 35 | <0.5 |
| | | 02/14/96 | <1 | 4 | 6.1 | 6 | <1 | 36 | <0.5 |
| | | 08/20/96 | 2 | 5.3 | 8.7 | 6.3 | <1 | 44 | 0.52 |
| | | 01/22/97 | <1 | 5.1 | 7.2 | 9.4 | <1 | 43 | 1.4 |
| | | 01/23/98 | <5 | <5 | 7 | -- | <5 | 43 | 2.6 |
| | | 02/04/99 | <1 | 5 | 8 | 10 | <1 | 45 | 6 |
| | | 01/10/00 | <1 | 4 | 10 | 11 | <1 | 41 | 7 |

Appendix C
Historical Total Target Volatile Organic Compounds (1983 to 2000)
Honeywell, Inc./Synertek Building #1
3050 Coronado Drive
Santa Clara, California

| Well ID | Aquifer | Date | 1,1,1-Trichloro ethane (µg/L) | 1,1-Dichloro-ethane (µg/L) | 1,1-Dichloro-ethene (µg/L) | Freon 113 (µg/L) | trans-1,2-Dichloro-ethene (µg/L) | Trichloro-ethene (µg/L) | Vinyl chloride (µg/L) |
|---|---|---|---|---|---|---|---|---|---|
| MW-18A | A | 12/18/85 | 12 | 9 | <1 | -- | -- | <1 | <1 |
| | | 01/27/86 | 13 | <1 | <1 | -- | -- | <1 | <1 |
| | | 09/21/87 | 9 | 6 | 2 | 36 | -- | <1 | <1 |
| | | 12/21/87 | 2 | 4 | 1 | 3 | -- | <0.5 | <0.5 |
| | | 03/29/88 | 4.2 | 3.5 | 4.2 | 4.3 | -- | <0.5 | <0.5 |
| | | 06/29/88 | 4.8 | 4.2 | 7 | 17 | -- | <0.5 | <0.5 |
| | | 09/27/88 | 3.6 | 3.6 | 1.4 | 12 | -- | <0.5 | <0.5 |
| | | 12/15/88 | 2.1 | 4.1 | 2.5 | <0.5 | -- | <0.5 | <0.5 |
| | | 04/03/89 | 4.6 | 4.4 | 2.8 | 22 | -- | <0.5 | <2 |
| | | 06/24/89 | 1.5 | 1.8 | 2.2 | 10 | -- | <0.5 | <2 |
| | | 09/30/89 | 1.8 | 1.9 | 1.8 | 11 | -- | <0.5 | <2 |
| | | 12/09/89 | 2.5 | 3.1 | 4.3 | 12 | -- | <0.5 | <2 |
| | | 03/10/90 | 2.6 | 4.1 | 4.9 | 13 | -- | <0.5 | <2 |
| | | 06/09/90 | 2.5 | 2.7 | 6.7 | 9.5 | -- | <0.5 | <2 |
| | | 09/08/90 | 2 | 3.8 | <0.3 | 12 | -- | <0.5 | <1.5 |
| | | 12/08/90 | 5.1 | 3.5 | 5.3 | 12 | -- | <0.5 | <2 |
| | | 03/09/91 | 5 | <5 | <5 | -- | -- | <5 | <10 |
| | | 06/01/91 | 2.8 | 2.6 | 5.8 | 14 | -- | <0.5 | <2 |
| | | 08/03/91 | 4 | 2.7 | 3.8 | 8.1 | -- | <0.5 | <2 |
| | | 11/08/91 | 5.3 | 4 | 7.2 | 19 | -- | <0.5 | <0.5 |
| | | 03/07/92 | <5 | <5 | <5 | 7 | -- | <5 | -- |
| | | 05/26/92 | 3.1 | 1.8 | 4.9 | 13 | -- | <0.5 | <2 |
| | | 08/21/92 | 3.7 | 2.2 | 5.6 | 19 | -- | 0.5 | <0.5 |
| | | 11/12/92 | <0.5 | 2.3 | <0.5 | 11 | -- | <0.5 | <2 |
| | | 02/03/93 | <5 | <5 | <5 | 6 | -- | <5 | <10 |
| | | 05/13/93 | 1.4 | 0.6 | 1.2 | 3.4 | -- | 0.7 | <2 |
| | | 08/23/93 | <0.5 | 0.7 | <0.5 | <1 | -- | <0.5 | <0.5 |
| | | 11/09/93 | 1.2 | 1.3 | 3 | 5.8 | -- | 0.6 | <0.5 |
| | | 02/08/94 | <5 | <5 | <5 | 8 | -- | <5 | <10 |
| | | 05/05/94 | 1.3 | <0.5 | 2.4 | <1 | <0.5 | <0.5 | <0.5 |
| | | 09/02/94 | 0.8 | 0.8 | 1.8 | 3 | <0.5 | <0.5 | <0.5 |
| | | 02/23/95 | <1 | <1 | 1.7 | 2.2 | <1 | 1.1 | <0.5 |
| | | 06/07/95 | <0.5 | 0.99 | 2.6 | 4 | <1 | <1.2 | <0.5 |
| | | 08/17/95 | 0.91 | <0.7 | <1.3 | 1.5 | <1 | 1.8 | <0.5 |
| | | 11/22/95 | 1.1 | <0.7 | 1.7 | 1.4 | <1 | 1.5 | <0.5 |

Appendix C
Historical Total Target Volatile Organic Compounds (1983 to 2000)
Honeywell, Inc./Synertek Building #1
3050 Coronado Drive
Santa Clara, California

| Well ID | Aquifer | Date | 1,1,1-Trichloro ethane (µg/L) | 1,1-Dichloro-ethane (µg/L) | 1,1-Dichloro-ethene (µg/L) | Freon 113 (µg/L) | trans-1,2-Dichloro-ethene (µg/L) | Trichloro-ethene (µg/L) | Vinyl chloride (µg/L) |
|---|---|---|---|---|---|---|---|---|---|
| MW-18A | A | 02/14/96 | <1 | <1 | 2.8 | 4.1 | <1 | 1.2 | <0.5 |
| | | 05/28/96 | 0.55 | <0.7 | <1.3 | <1 | <1 | 2.4 | <0.5 |
| | | 08/20/96 | <0.5 | <0.7 | <1.3 | <1 | <1 | 1.6 | <0.5 |
| | | 11/08/96 | 1.3 | <0.7 | <1.3 | <1 | <1 | 3.1 | <0.5 |
| | | 01/22/97 | <1 | <1 | <1 | 1.1 | <1 | <10 | <0.5 |
| | | 07/23/97 | <0.5 | <0.5 | 1.5 | 1.4 | <0.5 | 3.1 | <0.5 |
| | | 01/23/98 | <5 | <5 | <5 | -- | <5 | <5 | <0.5 |
| | | 07/15/98 | <0.5 | 0.62 | <5 | <5 | <0.5 | 1.5 | <0.5 |
| | | 02/04/99 | <1 | <1 | <1 | 2 | <1 | 2 | <0.5 |
| | | 07/13/99 | <0.5 | <0.5 | <0.5 | 0.6 | <0.5 | 1.5 | <0.5 |
| | | 01/10/00 | <1 | <1 | 2 | <1 | <1 | <1 | <0.5 |
| | | 08/29/00 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.4 | <0.5 |

Appendix C
Historical Total Target Volatile Organic Compounds (1983 to 2000)
Honeywell, Inc./Synertek Building #1
3050 Coronado Drive
Santa Clara, California

| Well ID | Aquifer | Date | 1,1,1-Trichloro ethane (µg/L) | 1,1-Dichloro-ethane (µg/L) | 1,1-Dichloro-ethene (µg/L) | Freon 113 (µg/L) | trans-1,2-Dichloro-ethene (µg/L) | Trichloro-ethene (µg/L) | Vinyl chloride (µg/L) |
|---|---|---|---|---|---|---|---|---|---|
| MW-19A | A | 12/18/85 | 55 | 56 | 63 | -- | -- | 210 | <1 |
| | | 01/27/86 | 73 | 73 | 4 | -- | -- | 300 | <1 |
| | | 05/05/87 | 130 | 46 | 71 | -- | -- | 290 | <5 |
| | | 09/23/87 | 35 | 88 | 29 | 20 | -- | 130 | <5 |
| | | 03/31/88 | 3 | 37 | 10 | <1 | -- | 33 | <1 |
| | | 09/30/88 | 7.8 | 66 | 37 | <0.5 | -- | 50 | <0.5 |
| | | 04/03/89 | 6.9 | 29 | 13 | 3.1 | -- | 73 | <2 |
| | | 06/24/89 | 3 | 39 | 23 | 3.2 | -- | 23 | <2 |
| | | 09/30/89 | <5 | 14 | 16 | <20 | -- | 52 | <20 |
| | | 03/08/90 | 8.6 | 56 | 30 | 7 | -- | 75 | <1 |
| | | 09/08/90 | 2.1 | 22 | 22 | 7 | -- | 58 | <1.5 |
| | | 03/09/91 | <5 | 33 | 31 | -- | -- | 50 | <10 |
| | | 08/03/91 | 7.6 | 56 | 39 | 8.9 | -- | 52 | <2 |
| | | 05/26/92 | 3.3 | 54 | 46 | 6.2 | -- | 40 | <2 |
| | | 08/21/92 | 3.5 | 43 | 41 | 7.6 | -- | 44 | 0.6 |
| | | 02/03/93 | <5 | 21 | 17 | <5 | -- | 31 | <10 |
| | | 08/23/93 | 0.7 | 22 | 26 | 1.9 | -- | 15 | 2.3 |
| | | 02/08/94 | <5 | 27 | 26 | <5 | -- | 23 | <10 |
| | | 09/02/94 | 0.5 | 20 | 16 | 1.6 | 0.5 | 16 | 0.8 |
| | | 02/23/95 | <1 | 19 | 24 | <1 | <1 | 25 | 0.76 |
| | | 08/17/95 | <0.5 | 3.1 | 4.4 | <1 | <1 | 17 | <0.5 |
| | | 02/14/96 | <1 | 14 | 19 | 1.8 | <1 | 16 | <0.5 |
| | | 08/20/96 | 1.5 | 24 | 34 | 1.9 | <1 | 19 | <0.5 |
| | | 01/22/97 | <1 | 10 | 11 | 1.2 | <1 | <10 | <0.5 |
| | | 01/23/98 | <5 | 14 | 16 | -- | <5 | 10 | <0.5 |
| | | 02/04/99 | <1 | 15 | 24 | 2 | <1 | 16 | <0.5 |
| | | 01/10/00 | <1 | 8 | 20 | 2 | <1 | 15 | <0.5 |

Appendix C
Historical Total Target Volatile Organic Compounds (1983 to 2000)
Honeywell, Inc./Synertek Building #1
3050 Coronado Drive
Santa Clara, California

| Well ID | Aquifer | Date | 1,1,1-Trichloro ethane (µg/L) | 1,1-Dichloro-ethane (µg/L) | 1,1-Dichloro-ethene (µg/L) | Freon 113 (µg/L) | trans-1,2-Dichloro-ethene (µg/L) | Trichloro-ethene (µg/L) | Vinyl chloride (µg/L) |
|---|---|---|---|---|---|---|---|---|---|
| MW-21A | A | 12/18/85 | 4 | 4 | 4 | -- | -- | 15 | <1 |
| | | 01/27/86 | 17 | 15 | <1 | -- | -- | 120 | <1 |
| | | 09/23/87 | 1 | 5 | 2 | 2 | -- | 40 | <0.5 |
| | | 03/30/88 | <1 | 1 | 2 | <1 | -- | 25 | <1 |
| | | 09/30/88 | 1.2 | 7.1 | 1.9 | 2.1 | -- | 28 | <0.5 |
| | | 04/03/89 | 7.8 | 2.9 | 1.5 | 5.4 | -- | 39 | <2 |
| | | 10/01/89 | 2.1 | 3.7 | 2.3 | <2 | -- | 27 | <2 |
| | | 03/08/90 | <0.5 | <0.5 | <0.5 | <2 | -- | 9.7 | <2 |
| | | 09/10/90 | <0.5 | <0.5 | <0.5 | <1 | -- | 6.4 | <2 |
| | | 03/11/91 | <5 | <5 | <5 | -- | -- | 12 | <10 |
| | | 08/06/91 | 2.6 | <0.5 | <0.5 | 2.7 | -- | 20 | <2 |
| | | 08/24/91 | 3.2 | 0.6 | 0.5 | <1 | -- | 25 | <0.5 |
| | | 02/04/93 | <5 | <5 | <5 | <5 | -- | 8 | <10 |
| | | 08/24/93 | <0.5 | <0.5 | <0.5 | <1 | -- | 0.7 | 0.6 |
| | | 02/08/94 | <5 | <5 | <5 | <5 | -- | 13 | <10 |
| | | 09/29/94 | <0.5 | <0.5 | <0.5 | <1 | <0.5 | 8 | <2 |
| | | 02/22/95 | <1 | <1 | <1 | <1 | <1 | 9 | <0.5 |
| | | 08/16/95 | <0.5 | <0.7 | <1.3 | <1 | <1 | 2.1 | <0.5 |
| | | 02/13/96 | <1 | <1 | <1 | <1 | <1 | 2.2 | <0.5 |
| | | 08/21/96 | 2.3 | 1.5 | <1.3 | <1 | <1 | 19 | <0.5 |
| | | 01/22/97 | <1 | <1 | <1 | <1 | <1 | <10 | <0.5 |
| | | 01/23/98 | <5 | <5 | <5 | -- | <5 | <5 | <0.5 |
| | | 02/04/99 | <1 | <1 | <1 | <1 | <1 | 2 | <0.5 |
| | | 01/06/00 | <1 | <1 | <1 | <1 | <1 | <1 | <0.5 |

Appendix C
Historical Total Target Volatile Organic Compounds (1983 to 2000)
Honeywell, Inc./Synertek Building #1
3050 Coronado Drive
Santa Clara, California

| Well ID | Aquifer | Date | 1,1,1-Trichloro ethane (µg/L) | 1,1-Dichloro-ethane (µg/L) | 1,1-Dichloro-ethene (µg/L) | Freon 113 (µg/L) | trans-1,2-Dichloro-ethene (µg/L) | Trichloro-ethene (µg/L) | Vinyl chloride (µg/L) |
|---|---|---|---|---|---|---|---|---|---|
| MW-24A | A | 03/13/87 | 13 | <3 | <5 | -- | -- | <4 | <5 |
| | | 05/05/87 | <4 | <3 | <5 | -- | -- | <4 | <5 |
| | | 09/21/87 | 10 | 3 | 2 | 2 | -- | <0.5 | <0.5 |
| | | 03/30/88 | 8.4 | 2 | 3.9 | <0.5 | -- | <0.5 | <0.5 |
| | | 09/30/88 | 8 | 1.9 | 2 | 3 | -- | <0.5 | <0.5 |
| | | 03/30/89 | 6.3 | 1.7 | <0.5 | <2 | -- | <0.5 | <2 |
| | | 09/30/89 | 3.9 | 1.1 | 1.6 | <2 | -- | <0.5 | <2 |
| | | 03/10/90 | <0.5 | <0.5 | 3.6 | 1.8 | -- | <0.5 | <2 |
| | | 09/08/90 | 3.9 | 3.6 | <0.3 | 3 | -- | <0.5 | <1.5 |
| | | 03/09/91 | <5 | <5 | <5 | -- | -- | <5 | <10 |
| | | 08/03/91 | 7.8 | 0.8 | 2.3 | <1 | -- | <0.5 | <2 |
| | | 08/21/92 | 3.9 | 1 | 1.7 | <1 | -- | <0.5 | <0.5 |
| | | 02/03/93 | <5 | <5 | <5 | <5 | -- | <5 | <10 |
| | | 08/23/93 | 1.2 | 0.6 | 0.8 | <1 | -- | <0.5 | <0.5 |
| | | 02/08/94 | <5 | <5 | <5 | <5 | -- | <5 | <10 |
| | | 09/02/94 | 1.3 | 0.9 | 1 | <1 | <0.5 | <0.5 | <0.5 |
| | | 02/23/95 | <1 | 1.1 | <1 | <1 | <1 | <1 | <0.5 |
| | | 08/17/95 | 1.3 | 0.94 | <1.3 | <1 | <1 | <1.2 | <0.5 |
| | | 02/14/96 | <1 | <1 | <1 | <1 | <1 | <1 | <0.5 |
| | | 08/20/96 | 1.1 | 1.1 | <1.3 | <1 | <1 | <1.2 | <0.5 |
| | | 01/22/97 | <1 | <1 | <1 | <1 | <1 | <10 | <0.5 |
| | | 01/23/98 | <5 | <5 | <5 | -- | <5 | <5 | <0.5 |
| | | 02/04/99 | <1 | <1 | <1 | <1 | <1 | <1 | <0.5 |
| | | 01/07/00 | <1 | <1 | <1 | <1 | <1 | <1 | <0.5 |

Appendix C
Historical Total Target Volatile Organic Compounds (1983 to 2000)
Honeywell, Inc./Synertek Building #1
3050 Coronado Drive
Santa Clara, California

| Well ID | Aquifer | Date | 1,1,1-Trichloro ethane (µg/L) | 1,1-Dichloro-ethane (µg/L) | 1,1-Dichloro-ethene (µg/L) | Freon 113 (µg/L) | trans-1,2-Dichloro-ethene (µg/L) | Trichloro-ethene (µg/L) | Vinyl chloride (µg/L) |
|---|---|---|---|---|---|---|---|---|---|
| MW-25A | A | 03/13/87 | 100 | 21 | 71 | -- | -- | <4 | -- |
| | | 05/05/87 | 89 | 18 | 69 | -- | -- | <4 | -- |
| | | 09/21/87 | 56 | 19 | 46 | <1 | -- | <1 | <1 |
| | | 12/22/87 | 33 | 23 | 15 | <0.5 | -- | <0.5 | <0.5 |
| | | 03/30/88 | 13 | 17 | 33 | <1 | -- | <1 | <1 |
| | | 06/29/88 | 30 | 17 | 44 | <0.5 | -- | <0.5 | <0.5 |
| | | 09/29/88 | 18 | 11 | 35 | <0.5 | -- | <0.5 | <0.5 |
| | | 09/30/88 | 26 | 12 | 38 | <0.5 | -- | <0.5 | <0.5 |
| | | 12/13/88 | 12 | 12 | 30 | <0.5 | -- | <0.5 | <0.5 |
| | | 12/14/88 | 14 | 9.1 | 31 | <0.5 | -- | <0.5 | <0.5 |
| | | 03/30/89 | 14 | 7.3 | 21 | <2 | -- | <0.5 | <2 |
| | | 06/23/89 | 14 | 8.1 | 54 | <2 | -- | <0.5 | <2 |
| | | 09/29/89 | 11 | 7.4 | 28 | <2 | -- | <0.5 | <2 |
| | | 10/01/89 | 12 | 6.8 | 18 | <2 | -- | <0.5 | <2 |
| | | 12/09/89 | 13 | 7.6 | 25 | <1 | -- | <0.5 | <2 |
| | | 03/10/90 | 16 | 12 | 30 | <2 | -- | <0.5 | <2 |
| | | 06/09/90 | 14 | 8.9 | 30 | <1 | -- | <0.5 | <2 |
| | | 09/08/90 | 13 | 11 | 26 | <0.7 | -- | <0.5 | <1.5 |
| | | 12/08/90 | 16 | 10 | 34 | <1 | -- | <0.5 | <2 |
| | | 03/09/91 | 12 | 10 | 32 | -- | -- | <5 | <10 |
| | | 06/01/91 | 11 | 8 | 33 | <1 | -- | <0.5 | <10 |
| | | 08/03/91 | 15 | 9.9 | 23 | <1 | -- | <0.5 | <2 |
| | | 11/08/91 | 17 | 11 | 34 | <1 | -- | <0.5 | <0.5 |
| | | 03/07/92 | 8 | 7 | 18 | <5 | -- | <5 | -- |
| | | 05/26/92 | 10 | 6.4 | 21 | <1 | -- | <0.5 | <2 |
| | | 08/21/92 | 15 | 13 | 30 | <1 | -- | <0.5 | <0.5 |
| | | 11/12/92 | 10 | 10 | 25 | <1 | -- | <0.5 | <2 |
| | | 02/03/93 | 8 | 8 | 21 | <5 | -- | <5 | <10 |
| | | 05/13/93 | 8.2 | 7.8 | 26 | <1 | -- | <0.5 | <0.5 |
| | | 08/23/93 | 7.9 | 10 | 18 | <1 | -- | <0.5 | <0.5 |
| | | 09/10/93 | 9.4 | 11 | 23 | <1 | -- | <0.5 | <0.5 |
| | | 11/09/93 | 12 | 17 | 30 | <1 | -- | <0.5 | <0.5 |
| | | 02/08/94 | 7 | 10 | 22 | <5 | -- | <5 | <10 |
| | | 05/05/94 | 8.4 | 11 | 26 | <1 | <0.5 | <0.5 | <0.5 |
| | | 09/02/94 | 9.8 | 14 | 20 | <1 | <0.5 | <0.5 | <2 |

Appendix C
Historical Total Target Volatile Organic Compounds (1983 to 2000)
Honeywell, Inc./Synertek Building #1
3050 Coronado Drive
Santa Clara, California

| Well ID | Aquifer | Date | 1,1,1-Trichloro ethane (µg/L) | 1,1-Dichloro-ethane (µg/L) | 1,1-Dichloro-ethene (µg/L) | Freon 113 (µg/L) | trans-1,2-Dichloro-ethene (µg/L) | Trichloro-ethene (µg/L) | Vinyl chloride (µg/L) |
|---|---|---|---|---|---|---|---|---|---|
| MW-25A | A | 11/11/94 | 6 | 11 | 26 | <1 | <0.5 | <0.5 | <0.5 |
| | | 02/23/95 | 5.4 | 9.4 | 18 | <1 | <1 | <1 | <1 |
| | | 06/07/95 | 6.9 | 11 | 17 | <1 | <1 | <1.2 | <0.5 |
| | | 08/17/95 | 7 | 12 | 23 | <1 | <1 | <1.2 | <0.5 |
| | | 11/22/95 | 6.7 | 13 | 23 | <1 | <1 | <1.2 | <0.5 |
| | | 02/14/96 | 5.2 | 9.9 | 22 | <1 | <1 | <1 | <0.5 |
| | | 05/28/96 | 6 | 11 | 25 | <1 | <1 | <1.2 | <0.5 |
| | | 08/26/96 | 6.4 | 12 | 25 | <1 | <1 | <1.2 | <0.5 |
| | | 11/08/96 | 6.4 | 12 | 26 | <1 | <1 | <1.2 | <0.5 |
| | | 01/22/97 | 4.5 | 11 | 19 | <1 | <1 | <10 | <0.5 |
| | | 07/23/97 | 6.3 | 14 | 30 | <1 | <0.5 | <0.5 | <0.5 |
| | | 01/23/98 | <5 | <5 | <5 | -- | <5 | <5 | <0.5 |
| | | 07/15/98 | <0.5 | <0.5 | <5 | <5 | <0.5 | <0.5 | <0.5 |
| | | 02/03/99 | 2 | 5 | 16 | <1 | <1 | <1 | <0.5 |
| | | 07/13/99 | 1.7 | 3.2 | 10 | <0.5 | <0.5 | <0.5 | <0.5 |
| | | 01/07/00 | <1 | <1 | <1 | <1 | <1 | <1 | <0.5 |
| | | 08/29/00 | <0.5 | 6.8 | 9.2 | <0.5 | <0.5 | <0.5 | <0.5 |

Appendix C
Historical Total Target Volatile Organic Compounds (1983 to 2000)
Honeywell, Inc./Synertek Building #1
3050 Coronado Drive
Santa Clara, California

| Well ID | Aquifer | Date | 1,1,1-Trichloro ethane (µg/L) | 1,1-Dichloro-ethane (µg/L) | 1,1-Dichloro-ethene (µg/L) | Freon 113 (µg/L) | trans-1,2-Dichloro-ethene (µg/L) | Trichloro-ethene (µg/L) | Vinyl chloride (µg/L) |
|---|---|---|---|---|---|---|---|---|---|
| MW-26A | A | 03/13/87 | 190 | 47 | 110 | -- | -- | 240 | <5 |
| | | 05/05/87 | 210 | 58 | 110 | -- | -- | 350 | <5 |
| | | 09/22/87 | 150 | 76 | 89 | 44 | -- | 210 | <5 |
| | | 12/22/87 | 85 | <3 | 30 | 60 | -- | 140 | <5 |
| | | 03/31/88 | 36 | 32 | 51 | 9 | -- | 130 | <1 |
| | | 06/29/88 | 51 | 37 | 100 | <1 | -- | 140 | <1 |
| | | 09/30/88 | 43 | 29 | 46 | <2.5 | -- | 96 | <2.5 |
| | | 12/15/88 | 33 | 37 | 53 | <2.5 | -- | 85 | <2.5 |
| | | 04/03/89 | 120 | 50 | 22 | 39 | -- | 16 | <2 |
| | | 06/23/89 | 61 | 49 | 30 | 30 | -- | 10 | <2 |
| | | 09/29/89 | 57 | 31 | 38 | 31 | -- | 20 | <20 |
| | | 12/09/89 | 56 | 37 | 39 | 26 | -- | 27 | <40 |
| | | 03/10/90 | 100 | 52 | 43 | 52 | -- | 16 | <2 |
| | | 06/09/90 | 110 | 67 | 62 | 43 | -- | 11 | <20 |
| | | 09/08/90 | 92 | 73 | 44 | 68 | -- | 8.7 | <1.5 |
| | | 12/08/90 | 92 | 66 | 62 | 8.9 | -- | 6.8 | <2 |
| | | 03/09/91 | 52 | 45 | 59 | -- | -- | 6 | <10 |
| | | 06/01/91 | 57 | 50 | 70 | 57 | -- | 7.4 | <10 |
| | | 08/03/91 | 79 | 48 | 41 | 71 | -- | <12 | <2 |
| | | 11/08/91 | 62 | 58 | 55 | 44 | -- | <0.5 | <0.5 |
| | | 03/07/92 | 55 | 61 | 53 | 48 | -- | <5 | -- |
| | | 05/26/92 | 70 | 71 | 90 | 83 | -- | 3.8 | <10 |
| | | 08/21/92 | 75 | 78 | 88 | 100 | -- | 8.1 | <0.5 |
| | | 11/12/92 | 55 | 63 | 71 | 59 | -- | 5 | <0.5 |
| | | 02/03/93 | 44 | 58 | 62 | 48 | -- | 6 | <10 |
| | | 05/13/93 | 27 | 40 | 66 | 36 | -- | 9 | <0.5 |
| | | 08/23/93 | 25 | 45 | 63 | 39 | -- | 14 | <0.5 |
| | | 11/09/93 | 29 | 63 | 83 | 57 | -- | 26 | <0.5 |
| | | 02/08/94 | 22 | 51 | 78 | 54 | -- | 20 | <10 |
| | | 05/05/94 | 38 | 62 | 115 | 46 | <0.5 | 11 | <0.5 |
| | | 09/02/94 | 33 | 88 | 87 | 53 | <2.5 | 12 | <2.5 |
| | | 11/11/94 | 42 | 83 | 120 | 53 | <2.5 | 8 | <2.5 |
| | | 02/23/95 | 22 | 48 | 71 | 43 | <1 | 7.6 | <0.5 |
| | | 06/07/95 | 27 | 50 | 77 | 61 | <1 | 8 | <0.5 |
| | | 08/17/95 | 24 | 48 | 82 | 53 | <1 | 10 | <0.5 |

Appendix C
Historical Total Target Volatile Organic Compounds (1983 to 2000)
Honeywell, Inc./Synertek Building #1
3050 Coronado Drive
Santa Clara, California

| Well ID | Aquifer | Date | 1,1,1-Trichloro ethane (µg/L) | 1,1-Dichloro-ethane (µg/L) | 1,1-Dichloro-ethene (µg/L) | Freon 113 (µg/L) | trans-1,2-Dichloro-ethene (µg/L) | Trichloro-ethene (µg/L) | Vinyl chloride (µg/L) |
|---|---|---|---|---|---|---|---|---|---|
| MW-26A | A | 11/22/95 | 19 | 45 | 120 | 30 | <1 | 6.8 | <0.5 |
| | | 02/14/96 | 18 | 37 | 78 | 40 | <1 | 8 | <0.5 |
| | | 05/28/96 | 15 | 38 | 88 | 37 | <2 | 16 | <1 |
| | | 08/26/96 | 11 | 29 | 58 | 17 | <1 | 26 | <0.5 |
| | | 11/08/96 | 14 | 32 | 68 | 31 | <2 | 24 | <1 |
| | | 01/22/97 | 6.5 | 29 | 59 | 32 | <1 | 18 | <0.5 |
| | | 07/23/97 | 14 | 38 | 71 | 47 | <0.5 | 25 | <0.5 |
| | | 01/23/98 | <5 | 21 | 51 | -- | <5 | 24 | <0.5 |
| | | 07/15/98 | 3.5 | 15 | 41 | <10 | <1 | 26 | <1 |
| | | 02/02/99 | 3 | 12 | 39 | 18 | <1 | 41 | <0.5 |
| | | 07/13/99 | 1.2 | 7.3 | 17 | 10 | <0.5 | 35 | <0.5 |
| | | 01/07/00 | <1 | <1 | <1 | <1 | <1 | <1 | <0.5 |
| | | 08/29/00 | 2.8 | 16.4 | 18.6 | <0.5 | <0.5 | 54.2 | <0.5 |

Appendix C
Historical Total Target Volatile Organic Compounds (1983 to 2000)
Honeywell, Inc./Synertek Building #1
3050 Coronado Drive
Santa Clara, California

| Well ID | Aquifer | Date | 1,1,1-Trichloro ethane (µg/L) | 1,1-Dichloro-ethane (µg/L) | 1,1-Dichloro-ethene (µg/L) | Freon 113 (µg/L) | trans-1,2-Dichloro-ethene (µg/L) | Trichloro-ethene (µg/L) | Vinyl chloride (µg/L) |
|---|---|---|---|---|---|---|---|---|---|
| MW-27A | A | 11/11/87 | <0.5 | <0.5 | <0.5 | <0.5 | -- | 1.8 | <0.5 |
| | | 12/21/87 | <0.5 | <0.5 | <0.5 | <0.5 | -- | 1 | <0.5 |
| | | 03/25/88 | <0.5 | <0.5 | <0.5 | <0.5 | -- | 3.1 | <0.5 |
| | | 06/29/88 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <0.5 | <0.5 |
| | | 09/28/88 | <0.5 | <0.5 | <0.5 | <0.5 | -- | 5.1 | <0.5 |
| | | 12/14/88 | <0.5 | <0.5 | <0.5 | <0.5 | -- | 6.8 | <0.5 |
| | | 04/04/89 | <0.5 | <0.5 | <0.5 | <2 | -- | 8.3 | <2 |
| | | 10/01/89 | <0.5 | <0.5 | <0.5 | <2 | -- | 7 | <2 |
| | | 03/10/90 | <0.5 | <0.5 | <0.5 | <2 | -- | 6.2 | <2 |
| | | 09/11/90 | <0.5 | <0.5 | <0.5 | <1 | -- | 15 | <2 |
| | | 03/11/91 | <5 | <5 | <5 | -- | -- | 23 | <10 |
| | | 08/06/91 | <0.5 | <0.5 | <0.5 | <1 | -- | 31 | <2 |
| | | 11/08/91 | <0.5 | <0.5 | <0.5 | <1 | -- | 33 | <0.5 |
| | | 03/10/92 | <5 | <5 | <5 | <5 | -- | 28 | -- |
| | | 08/24/92 | <0.5 | <0.5 | <0.5 | <1 | -- | 41 | <0.5 |
| | | 02/11/93 | <5 | <5 | <5 | <5 | -- | 36 | <10 |
| | | 08/25/93 | <0.5 | <0.5 | <0.5 | <1 | -- | 42 | <0.5 |
| | | 02/10/94 | <5 | <5 | <5 | <5 | -- | 41 | <10 |
| | | 09/02/94 | <0.5 | <0.5 | <0.5 | <1 | <0.5 | 35 | <0.5 |
| | | 02/23/95 | <1 | <1 | <1 | <1 | <1 | 41 | <0.5 |
| | | 08/17/95 | <0.5 | <0.7 | <1.3 | <1 | <1 | 42 | <0.5 |
| | | 02/15/96 | <1 | <1 | <1 | <1 | <1 | 39 | <0.5 |
| | | 08/21/96 | <0.5 | <0.7 | <1.3 | <1 | <1 | 40 | <0.5 |
| | | 01/22/97 | <1 | <1 | <1 | <1 | <1 | 30 | <0.5 |
| | | 01/23/98 | <5 | <5 | <5 | -- | <5 | 29 | <0.5 |
| | | 02/04/99 | <1 | <1 | <1 | <1 | <1 | 30 | <0.5 |
| | | 01/07/00 | <1 | <1 | <1 | <1 | <1 | <1 | <0.5 |

Appendix C
Historical Total Target Volatile Organic Compounds (1983 to 2000)
Honeywell, Inc./Synertek Building #1
3050 Coronado Drive
Santa Clara, California

| Well ID | Aquifer | Date | 1,1,1-Trichloro ethane (µg/L) | 1,1-Dichloro-ethane (µg/L) | 1,1-Dichloro-ethene (µg/L) | Freon 113 (µg/L) | trans-1,2-Dichloro-ethene (µg/L) | Trichloro-ethene (µg/L) | Vinyl chloride (µg/L) |
|---|---|---|---|---|---|---|---|---|---|
| MW-28A | A | 11/10/87 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <0.5 | <0.5 |
| | | 12/21/87 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <0.5 | <0.5 |
| | | 03/23/88 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <0.5 | <0.5 |
| | | 06/28/88 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <0.5 | <0.5 |
| | | 09/27/88 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <0.5 | <0.5 |
| | | 12/13/88 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <0.5 | <0.5 |
| | | 04/04/89 | <0.5 | <0.5 | <0.5 | <2 | -- | <0.5 | <2 |
| | | 09/30/89 | <0.5 | <0.5 | <0.5 | <2 | -- | <0.5 | <2 |
| | | 03/10/90 | <0.5 | <0.5 | <0.5 | <2 | -- | <0.5 | <2 |
| | | 09/11/90 | <0.5 | <0.5 | <0.5 | <1 | -- | <0.5 | <1 |
| | | 03/11/91 | <5 | <5 | <5 | -- | -- | <5 | <10 |
| | | 08/06/91 | <0.5 | <0.5 | <0.5 | <1 | -- | <0.5 | <2 |
| | | 08/25/92 | <0.5 | <0.5 | <0.5 | <1 | -- | <0.5 | <0.5 |
| | | 02/04/93 | <5 | <5 | <5 | <5 | -- | <5 | <10 |
| | | 08/25/93 | <0.5 | <0.5 | <0.5 | <1 | -- | <0.5 | <0.5 |
| | | 02/09/94 | <5 | <5 | <5 | <5 | -- | <5 | <10 |
| | | 09/06/94 | <0.5 | <0.5 | <0.5 | <1 | <0.5 | <0.5 | <0.5 |
| | | 02/24/95 | <1 | <1 | <1 | <1 | <1 | <1 | <0.5 |
| | | 08/17/95 | <0.5 | <0.7 | <1.3 | <1 | <1 | <1.2 | <0.5 |
| | | 02/14/96 | <1 | <1 | <1 | <1 | <1 | <1 | <0.5 |
| | | 08/21/96 | <0.5 | <0.7 | <1.3 | <1 | <1 | <1.2 | <0.5 |
| | | 01/22/97 | <1 | <1 | <1 | <1 | <1 | <10 | <0.5 |
| | | 02/05/97 | <1 | <1 | <1 | <1 | <1 | <10 | <0.5 |
| | | 01/23/98 | <5 | <5 | <5 | -- | <5 | <5 | <0.5 |
| | | 02/02/99 | <1 | <1 | <1 | <1 | <1 | <1 | <0.5 |
| | | 01/07/00 | <1 | <1 | <1 | <1 | <1 | <1 | <0.5 |

Appendix C
Historical Total Target Volatile Organic Compounds (1983 to 2000)
Honeywell, Inc./Synertek Building #1
3050 Coronado Drive
Santa Clara, California

| Well ID | Aquifer | Date | 1,1,1-Trichloro ethane (µg/L) | 1,1-Dichloro-ethane (µg/L) | 1,1-Dichloro-ethene (µg/L) | Freon 113 (µg/L) | trans-1,2-Dichloro-ethene (µg/L) | Trichloro-ethene (µg/L) | Vinyl chloride (µg/L) |
|---|---|---|---|---|---|---|---|---|---|
| MW-29A | A | 11/10/87 | 87 | 22 | 21 | 17 | -- | 3 | <2.5 |
| | | 12/21/87 | 85 | 7 | 9 | 70 | -- | <3 | <3 |
| | | 12/22/87 | 95 | 25 | 7 | 75 | -- | <3 | <3 |
| | | 03/31/88 | 68 | 18 | 19 | 13 | -- | <2.5 | <2.5 |
| | | 06/29/88 | 130 | 35 | <0.5 | 57 | -- | 4 | <0.5 |
| | | 09/30/88 | 86 | 20 | 5.5 | 50 | -- | <2.5 | <2.5 |
| | | 12/13/88 | 67 | 33 | 24 | 61 | -- | <5 | <5 |
| | | 03/29/89 | 110 | 32 | 26 | 88 | -- | 3.4 | <2 |
| | | 09/30/89 | 5 | 18 | 11 | 50 | -- | <5 | <2 |
| | | 03/10/90 | 121 | 37 | 32 | 43 | -- | 3.8 | <2 |
| | | 09/11/90 | 62 | 27 | 55 | 59 | -- | 3.1 | <2 |
| | | 03/11/91 | 80 | 31 | 23 | -- | -- | <5 | <10 |
| | | 08/06/91 | 63 | 29 | 27 | 39 | -- | 3.6 | <2 |
| | | 03/07/92 | 41 | 26 | 17 | 33 | -- | <5 | -- |
| | | 08/25/92 | 43 | 37 | 30 | 54 | -- | 3 | <0.5 |
| | | 02/04/93 | 26 | 24 | 21 | 29 | -- | <5 | <10 |
| | | 08/25/93 | 5.1 | 9.6 | 9.6 | 8.9 | -- | 1 | <0.5 |
| | | 02/09/94 | 7 | 14 | 14 | 16 | -- | <5 | <10 |
| | | 09/06/94 | 8.8 | 18 | 20 | 21 | <0.5 | 2.7 | <0.5 |
| | | 02/24/95 | 5.1 | 15 | 15 | 10 | <1 | 2.9 | <0.5 |
| | | 08/17/95 | 3.6 | 18 | 16 | 11 | <1 | 3.8 | <0.5 |
| | | 02/14/96 | 2.4 | 13 | 13 | 8.2 | <1 | 2.2 | <0.5 |
| | | 08/21/96 | 3.3 | 16 | 16 | 6 | <1 | 2.8 | <0.5 |
| | | 01/22/97 | <1 | 1.7 | <1 | 1.5 | <1 | <10 | <0.5 |
| | | 01/23/98 | <5 | <5 | <5 | -- | <5 | <5 | <0.5 |
| | | 02/02/99 | <1 | 6 | 4 | 4 | <1 | <1 | <0.5 |
| | | 01/07/00 | <1 | <1 | <1 | <1 | <1 | <1 | <0.5 |

Appendix C
Historical Total Target Volatile Organic Compounds (1983 to 2000)
Honeywell, Inc./Synertek Building #1
3050 Coronado Drive
Santa Clara, California

| Well ID | Aquifer | Date | 1,1,1-Trichloro ethane (µg/L) | 1,1-Dichloro-ethane (µg/L) | 1,1-Dichloro-ethene (µg/L) | Freon 113 (µg/L) | trans-1,2-Dichloro-ethene (µg/L) | Trichloro-ethene (µg/L) | Vinyl chloride (µg/L) |
|---|---|---|---|---|---|---|---|---|---|
| MW-30A | A | 11/16/87 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <0.5 | <0.5 |
| | | 12/18/87 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <0.5 | <0.5 |
| | | 03/23/88 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <0.5 | <0.5 |
| | | 06/28/88 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <0.5 | <0.5 |
| | | 09/27/88 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <0.5 | <0.5 |
| | | 12/13/88 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <0.5 | <0.5 |
| | | 03/29/89 | <0.5 | <0.5 | <0.5 | <2 | -- | <0.5 | <2 |
| | | 09/29/89 | <0.5 | <0.5 | <0.5 | <2 | -- | <0.5 | <2 |
| | | 03/10/90 | <0.5 | 1 | <0.5 | <2 | -- | <0.5 | <2 |
| | | 09/08/90 | <0.5 | <0.2 | <0.3 | <0.7 | -- | <0.5 | <1.5 |
| | | 03/09/91 | <5 | <5 | <5 | -- | -- | <5 | <10 |
| | | 08/03/91 | 1.7 | <0.5 | <0.5 | <1 | -- | <0.5 | <2 |
| | | 11/08/91 | <0.5 | <0.5 | <0.5 | <1 | -- | <0.5 | <0.5 |
| | | 08/21/92 | <0.5 | <0.5 | <0.5 | <1 | -- | <0.5 | <0.5 |
| | | 02/03/93 | <5 | <5 | <5 | <5 | -- | <5 | <10 |
| | | 08/25/93 | <0.5 | <0.5 | <0.5 | <1 | -- | <0.5 | <0.5 |
| | | 02/08/94 | <5 | <5 | <5 | <5 | -- | <5 | <10 |
| | | 09/02/94 | <0.5 | <0.5 | <0.5 | <1 | <0.5 | <0.5 | <0.5 |
| | | 02/23/95 | <1 | <1 | <1 | <1 | <1 | <1 | <0.5 |
| | | 08/17/95 | <0.5 | <0.7 | <1.3 | <1 | <1 | <1.2 | <0.5 |
| | | 02/14/96 | <1 | <1 | <1 | <1 | <1 | <1 | <0.5 |
| | | 08/20/96 | <0.5 | <0.7 | <1.3 | <1 | <1 | <1.2 | <0.5 |
| | | 01/22/97 | <1 | <1 | <1 | <1 | <1 | <10 | <0.5 |
| | | 01/23/98 | <5 | <5 | <5 | -- | <5 | <5 | <0.5 |
| | | 02/04/99 | <1 | <1 | <1 | <1 | <1 | <1 | <0.5 |
| | | 01/07/00 | 4 | 8 | 21 | <1 | <1 | <1 | <0.5 |
| | | 08/29/00 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |

Appendix C
Historical Total Target Volatile Organic Compounds (1983 to 2000)
Honeywell, Inc./Synertek Building #1
3050 Coronado Drive
Santa Clara, California

| Well ID | Aquifer | Date | 1,1,1-Trichloro ethane (µg/L) | 1,1-Dichloro-ethane (µg/L) | 1,1-Dichloro-ethene (µg/L) | Freon 113 (µg/L) | trans-1,2-Dichloro-ethene (µg/L) | Trichloro-ethene (µg/L) | Vinyl chloride (µg/L) |
|---|---|---|---|---|---|---|---|---|---|
| MW-33A | A | 11/24/87 | <0.5 | <0.5 | <0.5 | 2.2 | -- | <0.5 | <0.5 |
| | | 12/21/87 | 1 | <0.5 | 4 | 8 | -- | <0.5 | <0.5 |
| | | 03/25/88 | <0.5 | <0.5 | <0.5 | 1.9 | -- | <0.5 | <0.5 |
| | | 06/29/88 | 0.9 | <0.5 | 11 | 3.4 | -- | <0.5 | <0.5 |
| | | 09/30/88 | 0.7 | <0.5 | <0.5 | <0.5 | -- | <0.5 | <0.5 |
| | | 12/14/88 | 0.8 | <0.5 | <0.5 | 5.4 | -- | <0.5 | <0.5 |
| | | 03/30/89 | 0.5 | <0.5 | <0.5 | <2 | -- | <0.5 | <2 |
| | | 06/23/89 | 0.5 | <0.5 | <0.5 | <2 | -- | <0.5 | <2 |
| | | 09/30/89 | <0.5 | <0.5 | <0.5 | <2 | -- | <0.5 | <2 |
| | | 12/09/89 | 0.7 | <0.5 | <0.5 | <1 | -- | <0.5 | <2 |
| | | 03/10/90 | <0.5 | <0.5 | <0.5 | <2 | -- | <0.5 | <2 |
| | | 06/09/90 | <0.5 | <0.5 | <0.5 | 3.9 | -- | <0.5 | <2 |
| | | 09/11/90 | 1.1 | <0.5 | <0.5 | 3.1 | -- | <0.5 | <2 |
| | | 12/08/90 | 1.7 | <0.5 | <0.5 | 3.3 | -- | <0.5 | <2 |
| | | 03/11/91 | <5 | <5 | <5 | -- | -- | <5 | <10 |
| | | 06/01/91 | 1.1 | -- | -- | 6.3 | -- | 0.9 | 2 |
| | | 08/07/91 | 2.4 | -- | -- | 10 | -- | <0.5 | <2 |
| | | 11/08/91 | 1.8 | -- | -- | 6.2 | -- | <0.5 | <0.5 |
| | | 03/07/92 | <5 | <5 | <5 | 7 | -- | <5 | -- |
| | | 05/26/92 | 1.5 | <0.5 | <0.5 | 8.7 | -- | <0.5 | <2 |
| | | 08/25/92 | 1.8 | <0.5 | <0.5 | 11 | -- | <0.5 | 0.9 |
| | | 11/12/92 | 1 | <0.5 | <0.5 | 7.5 | -- | <0.5 | 0.8 |
| | | 02/04/93 | <5 | <5 | <5 | <5 | -- | <5 | <10 |
| | | 05/13/93 | 1.2 | <0.5 | <0.5 | 3.9 | -- | <0.5 | <0.5 |
| | | 08/25/93 | 0.8 | <0.5 | <0.5 | 4.4 | -- | <0.5 | <0.5 |
| | | 11/09/93 | 0.8 | <0.5 | <0.5 | 4.2 | -- | <0.5 | <0.5 |
| | | 02/09/94 | <5 | <5 | <5 | 6 | -- | <5 | <10 |
| | | 05/05/94 | 0.6 | <0.5 | <0.5 | 5.6 | <0.5 | <0.5 | <0.5 |
| | | 09/06/94 | 0.7 | <0.5 | <0.5 | 8.5 | <0.5 | <0.5 | <0.5 |
| | | 11/11/94 | 0.8 | <0.5 | <0.5 | 5.8 | <0.5 | <0.5 | <0.5 |
| | | 02/24/95 | <1 | <1 | <1 | 3.9 | <1 | <1 | <0.5 |
| | | 06/07/95 | 1.3 | <0.7 | <1.3 | 8.1 | <1 | <1.2 | <0.5 |
| | | 08/17/95 | 1.1 | <0.7 | <1.3 | 6.6 | <1 | <1.2 | <0.5 |
| | | 11/22/95 | 1.2 | <0.7 | <1.3 | 3.5 | <1 | <1.2 | <0.5 |
| | | 02/14/96 | <1 | <1 | <1 | 6.1 | <1 | <1 | <0.5 |

Appendix C
Historical Total Target Volatile Organic Compounds (1983 to 2000)
Honeywell, Inc./Synertek Building #1
3050 Coronado Drive
Santa Clara, California

| Well ID | Aquifer | Date | 1,1,1-Trichloro ethane (µg/L) | 1,1-Dichloro-ethane (µg/L) | 1,1-Dichloro-ethene (µg/L) | Freon 113 (µg/L) | trans-1,2-Dichloro-ethene (µg/L) | Trichloro-ethene (µg/L) | Vinyl chloride (µg/L) |
|---|---|---|---|---|---|---|---|---|---|
| MW-33A | A | 05/28/96 | 1.1 | <0.7 | <1.3 | 6.1 | <1 | <1.2 | <0.5 |
| | | 08/21/96 | 1.3 | <0.7 | <1.3 | 4.8 | <1 | <1.2 | <0.5 |
| | | 11/08/96 | 1.4 | <0.7 | <1.3 | 7.3 | <1 | <1.2 | <0.5 |
| | | 01/22/97 | <1 | <1 | <1 | 7.4 | <1 | <10 | <0.5 |
| | | 07/23/97 | <0.5 | <0.5 | <0.5 | <1 | <0.5 | <0.5 | <0.5 |
| | | 01/23/98 | <5 | <5 | <5 | -- | <5 | <5 | <0.5 |
| | | 07/15/98 | <0.5 | 0.56 | <5 | <5 | <0.5 | <0.5 | <0.5 |
| | | 02/02/99 | <1 | <1 | <1 | 6 | <1 | <1 | <0.5 |
| | | 07/13/99 | <0.5 | <0.5 | <0.5 | 2.6 | <0.5 | <0.5 | <0.5 |
| | | 01/07/00 | <1 | <1 | <1 | <1 | <1 | <1 | <0.5 |
| | | 08/29/00 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |

Appendix C
Historical Total Target Volatile Organic Compounds (1983 to 2000)
Honeywell, Inc./Synertek Building #1
3050 Coronado Drive
Santa Clara, California

| Well ID | Aquifer | Date | 1,1,1-Trichloro ethane (µg/L) | 1,1-Dichloro-ethane (µg/L) | 1,1-Dichloro-ethene (µg/L) | Freon 113 (µg/L) | trans-1,2-Dichloro-ethene (µg/L) | Trichloro-ethene (µg/L) | Vinyl chloride (µg/L) |
|---|---|---|---|---|---|---|---|---|---|
| MW-34A | A | 11/25/87 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <0.5 | <0.5 |
| | | 12/21/87 | <0.5 | <0.5 | 1 | <0.5 | -- | <0.5 | <0.5 |
| | | 03/25/88 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <0.5 | <0.5 |
| | | 06/28/88 | <0.5 | <0.5 | 3.2 | <0.5 | -- | <0.5 | <0.5 |
| | | 09/30/88 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <0.5 | <0.5 |
| | | 12/14/88 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <0.5 | <0.5 |
| | | 03/30/89 | <0.5 | <0.5 | <0.5 | <2 | -- | <0.5 | <2 |
| | | 06/23/89 | <0.5 | <0.5 | <0.5 | <2 | -- | <0.5 | <2 |
| | | 09/30/89 | <0.5 | <0.5 | <0.5 | <2 | -- | <0.5 | <2 |
| | | 12/09/89 | <0.5 | <0.5 | <0.5 | <1 | -- | <0.5 | <2 |
| | | 03/10/90 | <0.5 | <0.5 | <0.5 | <2 | -- | <0.5 | <2 |
| | | 06/09/90 | <0.5 | <0.5 | <0.5 | <1 | -- | <0.5 | <2 |
| | | 09/11/90 | <0.5 | <0.5 | <0.5 | <1 | -- | <0.5 | <2 |
| | | 12/08/90 | <0.5 | <0.5 | <0.5 | <1 | -- | <0.5 | <2 |
| | | 03/11/91 | <5 | <5 | <5 | -- | -- | <5 | <10 |
| | | 06/01/91 | <0.5 | <0.5 | <0.5 | <1 | -- | <0.5 | <2 |
| | | 08/06/91 | <0.5 | <0.5 | <0.5 | <1 | -- | <0.5 | <2 |
| | | 11/08/91 | <0.5 | <0.5 | <0.5 | <1 | -- | <0.5 | <0.5 |
| | | 05/26/92 | <0.5 | <0.5 | <0.5 | <1 | -- | <0.5 | <2 |
| | | 08/25/92 | <0.5 | <0.5 | <0.5 | <1 | -- | <0.5 | <0.5 |
| | | 11/12/92 | <0.5 | <0.5 | <0.5 | <1 | -- | <0.5 | <0.5 |
| | | 02/04/93 | <5 | <5 | <5 | <5 | -- | <5 | <10 |
| | | 05/13/93 | <0.5 | <0.5 | <0.5 | <1 | -- | <0.5 | <0.5 |
| | | 08/25/93 | <0.5 | <0.5 | <0.5 | <1 | -- | <0.5 | <0.5 |
| | | 11/09/93 | <0.5 | <0.5 | <0.5 | <1 | -- | <0.5 | <0.5 |
| | | 02/09/94 | <5 | <5 | <5 | <5 | -- | <5 | <10 |
| | | 05/05/94 | <0.5 | <0.5 | <0.5 | <1 | <0.5 | <0.5 | <0.5 |
| | | 11/11/94 | <0.5 | -- | <0.5 | <1 | <0.5 | <0.5 | <0.5 |
| | | 02/24/95 | <1 | <1 | <1 | -- | <1 | <1 | <0.5 |
| | | 06/07/95 | <0.5 | <0.7 | <1.3 | <1 | <1 | <1.2 | <0.5 |
| | | 08/17/95 | <0.5 | <0.7 | <1.3 | <1 | <1 | <1.2 | <0.5 |
| | | 11/22/95 | <0.5 | <0.7 | <1.3 | <1 | <1 | <1.2 | <0.5 |
| | | 02/14/96 | <1 | <1 | <1 | <1 | <1 | <1 | <0.5 |
| | | 08/21/96 | <0.5 | <0.7 | <1.3 | <1 | <1 | <1.2 | <0.5 |
| | | 11/08/96 | <0.5 | <0.7 | <1.3 | <1 | <1 | <1.2 | <0.5 |

Appendix C
Historical Total Target Volatile Organic Compounds (1983 to 2000)
Honeywell, Inc./Synertek Building #1
3050 Coronado Drive
Santa Clara, California

| Well ID | Aquifer | Date | 1,1,1-Trichloro ethane (µg/L) | 1,1-Dichloro-ethane (µg/L) | 1,1-Dichloro-ethene (µg/L) | Freon 113 (µg/L) | trans-1,2-Dichloro-ethene (µg/L) | Trichloro-ethene (µg/L) | Vinyl chloride (µg/L) |
|---|---|---|---|---|---|---|---|---|---|
| MW-34A | A | 07/23/97 | <0.5 | <0.5 | <0.5 | <1 | <0.5 | <0.5 | <0.5 |
| | | 01/23/98 | <5 | <5 | <5 | -- | <5 | <5 | <0.5 |
| | | 02/02/99 | <1 | <1 | <1 | <1 | <1 | <1 | <0.5 |
| | | 07/13/99 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| | | 01/07/00 | <1 | <1 | 10 | 5 | <1 | 2 | <0.5 |
| | | 08/29/00 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| MW-35A | A | 08/03/91 | 7.4 | 1.5 | 3 | 44 | -- | <0.5 | <2 |
| | | 08/21/92 | 4.3 | 1.7 | 2.1 | 65 | -- | <0.5 | <0.5 |
| | | 08/25/93 | 1 | 0.6 | <0.5 | 17 | -- | <0.5 | <0.5 |
| | | 09/06/94 | 1.6 | 1.5 | <0.5 | 31 | <0.5 | <0.5 | <0.5 |
| | | 08/17/95 | 1.8 | 1.2 | <1.3 | 20 | <1 | <1.2 | <0.5 |
| | | 08/21/96 | 2.1 | 1.9 | <1.3 | 11 | <1 | <1.2 | <0.5 |
| | | 01/22/97 | <1 | <1 | <1 | 2.8 | <1 | <10 | <0.5 |
| | | 01/23/98 | <5 | <5 | <5 | -- | <5 | <5 | <0.5 |
| | | 07/15/98 | <0.5 | 1 | <5 | <5 | <0.5 | <0.5 | <0.5 |
| | | 02/02/99 | <1 | <1 | <1 | 6 | <1 | <1 | <0.5 |
| | | 01/07/00 | <1 | <1 | 32 | 10 | <1 | 7 | <0.5 |
| MW-36A | A | 08/03/91 | 3.7 | 39 | 7.2 | 11 | -- | 1.7 | <2 |
| | | 08/21/92 | 1.1 | 46 | 6.3 | 4.8 | -- | 0.6 | 0.7 |
| | | 08/25/93 | <0.5 | 24 | 3.1 | 1.4 | -- | 0.6 | <0.5 |
| | | 09/06/94 | 0.8 | 36 | 5 | 5.4 | <0.5 | 0.5 | 0.9 |
| | | 08/17/95 | 1.9 | 31 | 8.3 | 5.8 | <1 | <1.2 | <0.5 |
| | | 08/21/96 | 1.7 | 35 | 8.3 | 4.2 | <1 | <1.2 | 0.69 |
| | | 01/22/97 | <1 | 44 | 10 | 4.4 | <1 | <10 | <0.5 |
| | | 07/23/97 | 2.2 | 40 | 25 | 11 | <0.5 | 4.3 | 0.7 |
| | | 01/23/98 | <5 | 30 | 9 | -- | <5 | <5 | 0.7 |
| | | 02/02/99 | <1 | 32 | 11 | 9 | <1 | 4 | <0.5 |
| | | 07/13/99 | 0.9 | 34 | 16 | 7.3 | <0.5 | 4.4 | <0.5 |
| | | 01/07/00 | <1 | <1 | <1 | 11 | <1 | <1 | <0.5 |
| | | 08/29/00 | 2.3 | 58 | 16 | <0.5 | <0.5 | 8.8 | 0.7 |

Appendix C
Historical Total Target Volatile Organic Compounds (1983 to 2000)
Honeywell, Inc./Synertek Building #1
3050 Coronado Drive
Santa Clara, California

| Well ID | Aquifer | Date | 1,1,1-Trichloro ethane (µg/L) | 1,1-Dichloro-ethane (µg/L) | 1,1-Dichloro-ethene (µg/L) | Freon 113 (µg/L) | trans-1,2-Dichloro-ethene (µg/L) | Trichloro-ethene (µg/L) | Vinyl chloride (µg/L) |
|---|---|---|---|---|---|---|---|---|---|
| PW-1 | A | 12/18/85 | 47 | 7 | 4 | -- | -- | 44 | <1 |
| | | 09/25/87 | 360 | 95 | <25 | 55 | -- | 400 | <25 |
| | | 03/29/88 | 690 | <25 | <25 | 55 | -- | 900 | <25 |
| | | 09/27/88 | 140 | <25 | <25 | 39 | -- | 160 | <25 |
| | | 07/03/89 | 120 | 20 | 22 | 7.6 | -- | 120 | <20 |
| | | 03/11/91 | 150 | 11 | 13 | -- | -- | 100 | <10 |
| | | 09/17/91 | 68 | 13 | 20 | 13 | -- | 110 | <2 |
| | | 03/07/92 | 89 | 14 | 8 | <5 | -- | 100 | -- |
| | | 08/25/92 | 27 | 16 | 6.3 | 7.8 | -- | 31 | 2.1 |
| | | 02/03/93 | 100 | 7 | 7 | 16 | -- | 73 | <10 |
| | | 08/23/93 | 43 | 6.2 | 3.7 | 11 | -- | 62 | <0.5 |
| | | 02/08/94 | 44 | 7 | 9 | 14 | -- | 72 | <10 |
| | | 09/01/94 | 48 | 3.7 | 4.1 | 10 | <0.5 | 40 | <0.5 |
| | | 02/22/95 | 13 | 11 | 18 | 20 | <1 | 36 | <0.5 |
| | | 08/18/95 | 28 | 2.4 | 2.1 | 5.4 | <1 | 34 | <0.5 |
| | | 02/13/96 | 35 | 1.9 | 2 | 6.4 | <1 | 22 | <0.5 |
| | | 08/20/96 | 4.8 | 4.3 | 3.8 | 2.4 | <1 | 28 | 0.53 |
| | | 01/29/97 | 20 | 2.4 | 1.8 | <1 | <1 | 27 | <0.5 |
| | | 01/21/98 | 11 | <5 | <5 | -- | <5 | 20 | <0.5 |
| | | 02/02/99 | 6 | 2 | <1 | 5 | <1 | 19 | <0.5 |
| | | 01/05/00 | <1 | <1 | <1 | <1 | <1 | 17 | <0.5 |
| PW-4 | A | 11/04/88 | 0.6 | 2.5 | 4.6 | 6.7 | -- | 0.6 | <0.5 |
| | | 07/03/89 | 62 | 82 | 110 | 22 | -- | 43 | <20 |
| | | 03/09/91 | 38 | 64 | 78 | -- | -- | 37 | <10 |
| | | 10/03/91 | 29 | 47 | 55 | 25 | -- | 39 | <2 |
| | | 02/22/95 | 7.7 | 8.8 | 5.2 | 7 | <1 | 110 | 0.51 |
| | | 08/18/95 | 11 | 43 | 70 | 25 | <10 | 70 | <5 |
| | | 02/13/96 | 5.2 | 32 | 62 | 24 | <1 | 47 | <0.5 |
| | | 08/20/96 | 7.1 | 39 | 71 | 18 | <2 | 55 | <1 |
| | | 01/22/97 | 3.6 | 28 | 53 | 23 | <1 | 55 | <0.5 |
| | | 01/21/98 | <5 | 20 | 28 | -- | <5 | 40 | <0.5 |
| | | 02/02/99 | 2 | 13 | 34 | 17 | <1 | 56 | <0.5 |
| | | 01/05/00 | 2 | 19 | 62 | 20 | <1 | 90 | <0.5 |

Appendix C
Historical Total Target Volatile Organic Compounds (1983 to 2000)
Honeywell, Inc./Synertek Building #1
3050 Coronado Drive
Santa Clara, California

| Well ID | Aquifer | Date | 1,1,1-Trichloro ethane (µg/L) | 1,1-Dichloro-ethane (µg/L) | 1,1-Dichloro-ethene (µg/L) | Freon 113 (µg/L) | trans-1,2-Dichloro-ethene (µg/L) | Trichloro-ethene (µg/L) | Vinyl chloride (µg/L) |
|---|---|---|---|---|---|---|---|---|---|
| PW-5 | A | 09/01/94 | 9.8 | 8.1 | 13 | 30 | <0.5 | <0.5 | <0.5 |
| | | 02/22/95 | 8.5 | 35 | 54 | 23 | <1 | 36 | <0.5 |
| | | 08/18/95 | 10 | 11 | 16 | 18 | <1 | <1.2 | <0.5 |
| | | 02/13/96 | 8.7 | 10 | 18 | 15 | <1 | <1 | <0.5 |
| | | 08/20/96 | 9.4 | 11 | 19 | 14 | <1 | 1.5 | <0.5 |
| | | 01/22/97 | 8.4 | 11 | 18 | 28 | <1 | <10 | <0.5 |
| | | 01/21/98 | <5 | 6 | 11 | -- | <5 | 28 | <0.5 |
| | | 02/02/99 | 4 | 6 | 4 | 7 | <1 | 52 | <0.5 |
| | | 01/05/00 | 5 | 15 | 28 | 20 | <1 | 2 | <0.5 |
| MW-03B | B | 03/18/85 | <1 | <1 | <1 | <1 | -- | <1 | <1 |
| | | 05/14/85 | 3 | <1 | <1 | <1 | -- | <1 | <1 |
| | | 12/18/85 | <0.03 | <0.07 | <0.13 | -- | -- | 0.11 | <0.18 |
| | | 09/23/87 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <0.5 | <0.5 |
| | | 03/23/88 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <0.5 | <0.5 |
| | | 09/27/88 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <0.5 | <0.5 |
| | | 03/31/89 | <0.5 | <0.5 | <0.5 | <2 | -- | <0.5 | <2 |
| | | 09/28/89 | <0.5 | <0.5 | <0.5 | <2 | -- | <0.5 | <2 |
| | | 03/08/90 | <0.5 | <0.5 | <0.5 | <2 | -- | <0.5 | <2 |
| | | 09/11/90 | <0.5 | <0.5 | <0.5 | <1 | -- | <0.5 | <2 |
| | | 03/11/91 | <5 | <5 | <5 | -- | -- | <5 | <10 |
| | | 08/06/91 | <0.5 | <0.5 | <0.5 | <1 | -- | <0.5 | <2 |
| | | 08/24/92 | <0.5 | <0.5 | <0.5 | <1 | -- | <0.5 | <0.5 |
| | | 02/04/93 | <5 | <5 | <5 | <5 | -- | <5 | <10 |
| | | 08/24/93 | <0.5 | <0.5 | <0.5 | <1 | -- | <0.5 | <0.5 |
| | | 02/08/94 | <5 | <5 | <5 | <5 | -- | <5 | <10 |
| | | 09/01/94 | <0.5 | <0.5 | <0.5 | <1 | <0.5 | <0.5 | <0.5 |
| | | 02/24/95 | <1 | <1 | <1 | -- | <1 | <1 | <0.5 |
| | | 08/16/95 | <0.5 | <0.7 | <1.3 | <1 | <1 | <1.2 | <0.5 |
| | | 02/15/96 | <1 | <1 | <1 | <1 | <1 | <1 | <0.5 |
| | | 08/20/96 | <0.5 | <0.7 | <1.3 | <1 | <1 | <1.2 | <0.5 |
| | | 01/22/97 | <1 | <1 | <1 | <1 | <1 | <10 | <0.5 |
| | | 01/21/98 | <5 | <5 | <5 | -- | <5 | <5 | <0.5 |
| | | 02/04/99 | <1 | <1 | <1 | <1 | <1 | <1 | <0.5 |
| | | 01/05/00 | <1 | <1 | <1 | <1 | <1 | <1 | <0.5 |

Appendix C
Historical Total Target Volatile Organic Compounds (1983 to 2000)
Honeywell, Inc./Synertek Building #1
3050 Coronado Drive
Santa Clara, California

| Well ID | Aquifer | Date | 1,1,1-Trichloro ethane (µg/L) | 1,1-Dichloro-ethane (µg/L) | 1,1-Dichloro-ethene (µg/L) | Freon 113 (µg/L) | trans-1,2-Dichloro-ethene (µg/L) | Trichloro-ethene (µg/L) | Vinyl chloride (µg/L) |
|---|---|---|---|---|---|---|---|---|---|
| MW-03B1 | B | 11/04/88 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <0.5 | <0.5 |
| | | 03/31/89 | <0.5 | <0.5 | <0.5 | <2 | -- | <0.5 | <2 |
| | | 06/24/89 | <0.5 | <0.5 | <0.5 | <2 | -- | <0.5 | <2 |
| | | 09/28/89 | <0.5 | <0.5 | <0.5 | <2 | -- | <0.5 | <2 |
| | | 12/08/89 | <0.5 | <0.5 | <0.5 | <1 | -- | <0.5 | <2 |
| | | 03/09/90 | <0.5 | <0.5 | <0.5 | <2 | -- | <0.5 | <2 |
| | | 09/11/90 | <0.5 | <0.5 | <0.5 | <1 | -- | <0.5 | <2 |
| | | 12/10/90 | <0.5 | <0.5 | <0.5 | <1 | -- | <0.5 | <2 |
| | | 03/12/91 | <5 | <5 | <5 | -- | -- | <5 | <10 |
| | | 08/07/91 | <0.5 | <0.5 | <0.5 | <1 | -- | <0.5 | <2 |
| | | 08/24/92 | <0.5 | <0.5 | <0.5 | <1 | -- | <0.5 | <0.5 |
| | | 02/04/93 | <5 | <5 | <5 | <5 | -- | <5 | <10 |
| | | 08/24/93 | <0.5 | <0.5 | <0.5 | <1 | -- | <0.5 | <0.5 |
| | | 02/10/94 | <5 | <5 | <5 | <5 | -- | <5 | <10 |
| | | 09/02/94 | <0.5 | <0.5 | <0.5 | <1 | <0.5 | <0.5 | <0.5 |
| | | 02/24/95 | <1 | <1 | <1 | <1 | <1 | <1 | <0.5 |
| | | 08/18/95 | <0.5 | <0.7 | <1.3 | <1 | <1 | <1.2 | <0.5 |
| | | 02/15/96 | <1 | <1 | <1 | <1 | <1 | <1 | <0.5 |
| | | 08/26/96 | <0.5 | <0.7 | <1.3 | <1 | <1 | <1.2 | <0.5 |
| | | 01/22/97 | <1 | <1 | <1 | <1 | <1 | <10 | <0.5 |
| | | 01/21/98 | <5 | <5 | <5 | -- | <5 | <5 | <0.5 |
| | | 02/02/99 | <1 | <1 | <1 | <1 | <1 | <1 | <0.5 |
| | | 01/05/00 | <1 | <1 | <1 | <10 | <1 | <1 | <0.5 |

Appendix C
Historical Total Target Volatile Organic Compounds (1983 to 2000)
Honeywell, Inc./Synertek Building #1
3050 Coronado Drive
Santa Clara, California

| Well ID | Aquifer | Date | 1,1,1-Trichloro ethane (µg/L) | 1,1-Dichloro-ethane (µg/L) | 1,1-Dichloro-ethene (µg/L) | Freon 113 (µg/L) | trans-1,2-Dichloro-ethene (µg/L) | Trichloro-ethene (µg/L) | Vinyl chloride (µg/L) |
|---|---|---|---|---|---|---|---|---|---|
| MW-04B | B | 09/21/83 | <10 | 28 | <10 | -- | -- | 13 | -- |
| | | 07/02/84 | 970 | 820 | 360 | <1 | -- | 6800 | <1 |
| | | 09/13/84 | 19 | 275 | 41 | <1 | -- | 540 | <1 |
| | | 12/05/84 | 90 | 740 | 200 | 110 | -- | 1700 | <1 |
| | | 12/17/84 | 180 | 780 | 180 | <1 | -- | 1500 | 2 |
| | | 03/18/85 | 12300 | 730 | 190 | 760 | -- | 5500 | 2 |
| | | 05/14/85 | 4100 | 310 | 160 | 530 | -- | 3200 | <1 |
| | | 12/18/85 | 4700 | 990 | 170 | -- | -- | 5900 | <0.18 |
| | | 05/07/87 | 15000 | 1400 | <1000 | -- | -- | 24000 | <1000 |
| | | 09/25/87 | 25000 | <2500 | <2500 | <2500 | -- | 33000 | <2500 |
| | | 12/18/87 | 2100 | 390 | 55 | 650 | -- | 2000 | <25 |
| | | 10/01/88 | 6900 | <250 | <250 | 1900 | -- | 13000 | <250 |
| | | 12/16/88 | 2100 | <250 | <250 | <250 | -- | 3900 | <250 |
| | | 04/03/89 | 1400 | 270 | 160 | 1400 | -- | 2700 | <2 |
| | | 06/23/89 | 1100 | 240 | 79 | 360 | -- | 3000 | <2 |
| | | 09/29/89 | 700 | 240 | 110 | 480 | -- | 3200 | <200 |
| | | 12/09/89 | 530 | 250 | 104 | 460 | -- | 3200 | <400 |
| | | 03/08/90 | 850 | 200 | 240 | 570 | -- | 3100 | <400 |
| | | 06/08/90 | 530 | 140 | 250 | 940 | -- | 2600 | <400 |
| | | 09/10/90 | 680 | 420 | 180 | 1400 | -- | 1900 | <2 |
| | | 12/08/90 | 510 | 380 | 190 | 810 | -- | 3400 | <200 |
| | | 03/11/91 | 210 | 290 | 140 | -- | -- | 2600 | <10 |
| | | 06/01/91 | 220 | 400 | 240 | 510 | -- | 3600 | 13 |
| | | 08/06/91 | 220 | 350 | 150 | 240 | -- | 2200 | 2.7 |
| | | 11/08/91 | 220 | 200 | 78 | 170 | -- | 2200 | <0.5 |
| | | 03/09/92 | 120 | 160 | 48 | 130 | -- | 1500 | -- |
| | | 05/26/92 | 260 | 290 | 150 | 250 | -- | 2500 | <100 |
| | | 08/25/92 | 130 | 170 | 69 | 200 | -- | 1400 | 3 |
| | | 11/12/92 | 220 | <5 | 110 | 220 | -- | 6600 | <5 |
| | | 02/04/93 | 210 | 280 | 97 | 200 | -- | 2700 | <10 |
| | | 05/13/93 | 230 | 290 | 110 | 180 | -- | 2800 | <100 |
| | | 08/24/93 | 210 | 180 | 110 | 120 | -- | 2400 | <25 |
| | | 11/09/93 | 18 | 34 | 10 | 14 | -- | 280 | <0.5 |
| | | 02/09/94 | <5 | <5 | <5 | <5 | -- | 12 | <10 |
| | | 05/05/94 | 11 | 17 | 8.5 | 7.9 | <0.5 | 100 | 1.1 |

Appendix C
Historical Total Target Volatile Organic Compounds (1983 to 2000)
Honeywell, Inc./Synertek Building #1
3050 Coronado Drive
Santa Clara, California

| Well ID | Aquifer | Date | 1,1,1-Trichloro ethane (µg/L) | 1,1-Dichloro-ethane (µg/L) | 1,1-Dichloro-ethene (µg/L) | Freon 113 (µg/L) | trans-1,2-Dichloro-ethene (µg/L) | Trichloro-ethene (µg/L) | Vinyl chloride (µg/L) |
|---|---|---|---|---|---|---|---|---|---|
| MW-04B | B | 09/02/94 | 120 | 320 | 81 | <100 | <50 | 2800 | <50 |
| | | 11/11/94 | 200 | 290 | <100 | <200 | <100 | 4200 | <100 |
| | | 02/22/95 | 130 | 240 | 67 | 110 | 1.6 | 3200 | 16 |
| | | 06/07/95 | 180 | 280 | 110 | 190 | <20 | 2800 | <10 |
| | | 08/16/95 | 240 | 350 | <130 | 110 | <100 | 4100 | <180 |
| | | 11/21/95 | 150 | 220 | 77 | 55 | <50 | 1900 | <25 |
| | | 02/13/96 | 2.7 | 4.7 | 1.9 | 2.5 | <1 | 95 | <0.5 |
| | | 05/28/96 | 4.7 | 8.2 | 3.8 | 2.3 | <2 | 120 | <1 |
| | | 08/21/96 | 83 | 96 | 54 | 54 | <5 | 1200 | 23 |
| | | 11/08/96 | 94 | 89 | 56 | 78 | <20 | 940 | <10 |
| | | 01/22/97 | 58 | 67 | 28 | 64 | <1 | 680 | 20 |
| | | 07/23/97 | 75 | 120 | 35 | 27 | <5 | 1300 | <5 |
| | | 01/23/98 | <5 | <5 | <5 | -- | <5 | 59 | 0.6 |
| | | 07/15/98 | 150 | 150 | <500 | <500 | <50 | 2300 | <50 |
| | | 02/04/99 | 27 | 27 | <20 | <20 | <20 | 370 | <20 |
| | | 07/13/99 | 1.4 | 2 | 1.4 | 1.7 | <0.5 | 53 | <0.5 |
| | | 01/06/00 | 4 | <1 | 3 | 5 | <1 | 160 | <0.5 |
| | | 08/29/00 | 1 | 1.9 | 1.1 | <0.5 | <0.5 | 56 | <0.5 |

Appendix C
Historical Total Target Volatile Organic Compounds (1983 to 2000)
Honeywell, Inc./Synertek Building #1
3050 Coronado Drive
Santa Clara, California

| Well ID | Aquifer | Date | 1,1,1-Trichloro ethane (µg/L) | 1,1-Dichloro-ethane (µg/L) | 1,1-Dichloro-ethene (µg/L) | Freon 113 (µg/L) | trans-1,2-Dichloro-ethene (µg/L) | Trichloro-ethene (µg/L) | Vinyl chloride (µg/L) |
|---|---|---|---|---|---|---|---|---|---|
| MW-10B | B | 12/18/85 | <1 | <1 | <1 | -- | -- | <1 | <1 |
| | | 01/27/86 | <1 | <1 | <1 | -- | -- | <1 | <1 |
| | | 09/21/87 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <0.5 | <0.5 |
| | | 03/23/88 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <0.5 | <0.5 |
| | | 09/27/88 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <0.5 | <0.5 |
| | | 03/29/89 | <0.5 | <0.5 | <0.5 | <2 | -- | <0.5 | <2 |
| | | 09/29/89 | <0.5 | <0.5 | <0.5 | <2 | -- | <0.5 | <2 |
| | | 03/08/90 | <0.5 | <0.5 | <0.5 | <2 | -- | <0.5 | <2 |
| | | 09/10/90 | <0.5 | <0.5 | <0.5 | <1 | -- | <0.5 | <2 |
| | | 03/11/91 | <5 | <5 | <5 | -- | -- | <5 | <10 |
| | | 08/06/91 | <0.5 | <0.5 | <0.5 | <1 | -- | <0.5 | <2 |
| | | 08/21/92 | <0.5 | <0.5 | <0.5 | <1 | -- | <0.5 | <0.5 |
| | | 02/03/93 | <5 | <5 | <5 | <5 | -- | <5 | <10 |
| | | 08/24/93 | <0.5 | <0.5 | <0.5 | <1 | -- | <0.5 | <0.5 |
| | | 02/09/94 | <5 | <5 | <5 | <5 | -- | <5 | <10 |
| | | 09/01/94 | <0.5 | <0.5 | <0.5 | <1 | <0.5 | <0.5 | <0.5 |
| | | 02/23/95 | <1 | <1 | <1 | <1 | <1 | <1 | <0.5 |
| | | 08/16/95 | <0.5 | <0.7 | <1.3 | <1 | <1 | <1.2 | <0.5 |
| | | 02/15/96 | <1 | <1 | <1 | <1 | <1 | <1 | <0.5 |
| | | 08/20/96 | <0.5 | <0.7 | <1.3 | <1 | <1 | <1.2 | <0.5 |
| | | 01/22/97 | <1 | <1 | <1 | <1 | <1 | <10 | <0.5 |
| | | 07/23/97 | <0.5 | <0.5 | <0.5 | <1 | <0.5 | <0.5 | <0.5 |
| | | 01/21/98 | <5 | <5 | <5 | -- | <5 | <5 | <0.5 |
| | | 07/15/98 | <0.5 | <0.5 | <5 | <5 | <0.5 | <0.5 | <0.5 |
| | | 02/02/99 | <1 | <1 | <1 | <1 | <1 | <1 | <0.5 |
| | | 07/13/99 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| | | 01/05/00 | <1 | <1 | <1 | <1 | <1 | <1 | <0.5 |
| | | 08/30/00 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |

Appendix C
Historical Total Target Volatile Organic Compounds (1983 to 2000)
Honeywell, Inc./Synertek Building #1
3050 Coronado Drive
Santa Clara, California

| Well ID | Aquifer | Date | 1,1,1-Trichloro ethane (µg/L) | 1,1-Dichloro-ethane (µg/L) | 1,1-Dichloro-ethene (µg/L) | Freon 113 (µg/L) | trans-1,2-Dichloro-ethene (µg/L) | Trichloro-ethene (µg/L) | Vinyl chloride (µg/L) |
|---|---|---|---|---|---|---|---|---|---|
| MW-12B | B | 12/07/84 | <1 | <1 | <1 | <1 | -- | 27 | <1 |
| | | 12/20/84 | <1 | <1 | <1 | <1 | -- | <1 | <1 |
| | | 03/18/85 | 12 | 22 | 28 | <1 | -- | <1 | <1 |
| | | 05/14/85 | <1 | <1 | <1 | <1 | -- | 8 | <1 |
| | | 12/18/85 | 2.3 | 2.1 | 0.3 | -- | -- | 3.6 | <0.18 |
| | | 05/05/87 | 27 | 33 | 17 | -- | -- | 29 | <5 |
| | | 09/23/87 | <0.5 | <0.5 | <0.5 | <0.5 | -- | 1 | <0.5 |
| | | 12/18/87 | 21 | 16 | 6 | 24 | -- | 39 | <0.5 |
| | | 12/21/87 | 27 | 20 | 30 | 9 | -- | 98 | <1 |
| | | 03/24/88 | 0.5 | 3.7 | 3 | <0.5 | -- | 4.2 | <0.5 |
| | | 03/30/88 | 0.5 | 3.7 | 3 | <0.5 | -- | 4.2 | <0.5 |
| | | 06/29/88 | <0.5 | 1.2 | <0.5 | <0.5 | -- | 0.7 | <0.5 |
| | | 10/01/88 | 0.5 | 2.5 | 1.5 | 1.9 | -- | 1.4 | <0.5 |
| | | 12/14/88 | 1.2 | <0.5 | <0.5 | 1.7 | -- | <0.5 | <0.5 |
| | | 03/30/89 | 1.2 | 40 | 27 | 24 | -- | 9.8 | <2 |
| | | 06/23/89 | 1.9 | 30 | 16 | 12 | -- | 13 | <2 |
| | | 09/30/89 | 7.9 | 13 | 23 | <2 | -- | 51 | <2 |
| | | 12/09/89 | <0.5 | 2.5 | 3.7 | <1 | -- | 2.1 | <2 |
| | | 12/13/89 | 1 | 4.2 | 6.3 | -- | -- | 7.3 | <2 |
| | | 03/08/90 | 6.3 | 92 | 160 | 51 | -- | 88 | <20 |
| | | 06/09/90 | <0.5 | 6 | 7.7 | 3.1 | -- | 2.6 | <2 |
| | | 09/10/90 | 0.9 | 15 | 24 | 8.4 | -- | 10 | <2 |
| | | 12/08/90 | <0.5 | 5.6 | 23 | 4.6 | -- | 2.6 | <2 |
| | | 03/11/91 | <5 | 12 | 20 | -- | -- | 30 | <10 |
| | | 06/01/91 | 0.9 | 11 | 26 | 10 | -- | 13 | <2 |
| | | 08/06/91 | 2.7 | 2.5 | 5.1 | 6.9 | -- | 7.9 | <2 |
| | | 11/09/91 | 4.1 | 2.5 | 4.7 | 2.1 | -- | 9 | <0.5 |
| | | 03/09/92 | <5 | 12 | 20 | 11 | -- | 23 | -- |
| | | 05/26/92 | 2.9 | 23 | 49 | 30 | -- | 41 | <2 |
| | | 08/25/92 | 5.7 | 11 | 21 | 31 | -- | 59 | <0.5 |
| | | 11/12/92 | <0.5 | <0.5 | 1 | 1 | -- | 2.9 | <0.5 |
| | | 02/04/93 | <5 | <5 | <5 | <5 | -- | <5 | <10 |
| | | 05/13/93 | 1.6 | 9.4 | 19 | 3.6 | -- | 29 | <0.5 |
| | | 08/24/93 | <0.5 | 5.8 | 9.7 | 3.7 | -- | 14 | <0.5 |
| | | 11/09/93 | 1.1 | 11 | 19 | 6.4 | -- | 22 | <0.5 |

Appendix C
Historical Total Target Volatile Organic Compounds (1983 to 2000)
Honeywell, Inc./Synertek Building #1
3050 Coronado Drive
Santa Clara, California

| Well ID | Aquifer | Date | 1,1,1-Trichloro ethane (µg/L) | 1,1-Dichloro-ethane (µg/L) | 1,1-Dichloro-ethene (µg/L) | Freon 113 (µg/L) | trans-1,2-Dichloro-ethene (µg/L) | Trichloro-ethene (µg/L) | Vinyl chloride (µg/L) |
|---|---|---|---|---|---|---|---|---|---|
| MW-12B | B | 02/09/94 | <5 | <5 | <5 | <5 | -- | <5 | <10 |
| | | 05/05/94 | 0.8 | 6 | 12 | 6 | <0.5 | 19 | <0.5 |
| | | 09/02/94 | <0.5 | 0.8 | 1.2 | <1 | <0.5 | 3.4 | <0.5 |
| | | 11/11/94 | 1 | 6.3 | 11 | 5.4 | <0.5 | 26 | <0.5 |
| | | 02/23/95 | <1 | 4.2 | 7.6 | 2.3 | <1 | 14 | <0.5 |
| | | 06/07/95 | <0.5 | 3.5 | 6.5 | 2.8 | <1 | 9.4 | <0.5 |
| | | 08/17/95 | <0.5 | 3.7 | 6.5 | 1.6 | <1 | 12 | <0.5 |
| | | 11/22/95 | <0.5 | 3.6 | 6.8 | <1 | <1 | 11 | <0.5 |
| | | 02/15/96 | <1 | <1 | <1 | <1 | <1 | 1.3 | <0.5 |
| | | 05/28/96 | 0.9 | 3 | 6.8 | 1.2 | <1 | 9 | <0.5 |
| | | 08/21/96 | 0.93 | <0.7 | <1.3 | <1 | <1 | 1.5 | <0.5 |
| | | 11/08/96 | 0.78 | <0.7 | <1.3 | <1 | <1 | 3.1 | <0.5 |
| | | 01/22/97 | <1 | 1.7 | 3.5 | 1.2 | <1 | <10 | <0.5 |
| | | 07/23/97 | 1.2 | 2.2 | 5.4 | <1 | <0.5 | 6.7 | <0.5 |
| | | 01/23/98 | <5 | <5 | <5 | -- | <5 | <5 | <0.5 |
| | | 07/15/98 | <0.5 | 0.64 | <5 | <5 | <0.5 | 1 | <0.5 |
| | | 02/04/99 | <1 | <1 | <1 | <1 | <1 | <1 | <0.5 |
| | | 07/13/99 | <0.5 | 0.7 | 1.3 | <0.5 | <0.5 | 4.4 | <0.5 |
| | | 01/06/00 | <1 | <1 | <1 | <1 | <1 | <1 | <0.5 |
| | | 08/30/00 | <0.5 | 1.5 | 2.8 | <0.5 | <0.5 | 4.4 | <0.5 |

Appendix C
Historical Total Target Volatile Organic Compounds (1983 to 2000)
Honeywell, Inc./Synertek Building #1
3050 Coronado Drive
Santa Clara, California

| Well ID | Aquifer | Date | 1,1,1-Trichloro ethane (µg/L) | 1,1-Dichloro-ethane (µg/L) | 1,1-Dichloro-ethene (µg/L) | Freon 113 (µg/L) | trans-1,2-Dichloro-ethene (µg/L) | Trichloro-ethene (µg/L) | Vinyl chloride (µg/L) |
|---|---|---|---|---|---|---|---|---|---|
| MW-15B | B | 12/18/85 | <1 | <1 | <1 | -- | -- | <1 | <1 |
| | | 01/27/86 | <1 | <1 | <1 | -- | -- | <1 | <1 |
| | | 09/22/87 | 1 | <0.5 | <0.5 | <0.5 | -- | <0.5 | <0.5 |
| | | 03/28/88 | 2.1 | <0.5 | <0.5 | <0.5 | -- | <0.5 | <0.5 |
| | | 09/30/88 | 2.2 | <0.5 | <0.5 | <0.5 | -- | <0.5 | <0.5 |
| | | 03/30/89 | 2.2 | <0.5 | <0.5 | <2 | -- | <0.5 | <2 |
| | | 06/23/89 | 1.2 | <0.5 | <0.5 | <2 | -- | 1.9 | <2 |
| | | 10/01/89 | 0.73 | <0.5 | <0.5 | <2 | -- | <0.5 | <2 |
| | | 03/09/90 | <0.5 | <0.5 | <0.5 | <2 | -- | <0.5 | <2 |
| | | 09/11/90 | <0.5 | <0.5 | <0.5 | <1 | -- | <0.5 | <2 |
| | | 03/12/91 | <5 | <5 | <5 | -- | -- | <5 | <10 |
| | | 08/07/91 | 2.3 | <0.5 | <0.5 | <1 | -- | 2.7 | <2 |
| | | 08/21/92 | 2.3 | <0.5 | <0.5 | <1 | -- | <0.5 | <0.5 |
| | | 02/04/93 | <5 | <5 | <5 | <5 | -- | <5 | <10 |
| | | 08/24/93 | 0.8 | <0.5 | <0.5 | <1 | -- | <0.5 | <0.5 |
| | | 02/09/94 | <5 | <5 | <5 | <5 | -- | <5 | <10 |
| | | 09/02/94 | 0.6 | <0.5 | <0.5 | <1 | <0.5 | 1.2 | <0.5 |
| | | 02/24/95 | <1 | <1 | <1 | <1 | <1 | <1 | <0.5 |
| | | 08/18/95 | 2.6 | <0.7 | <1.3 | <1 | <1 | <1.2 | <0.5 |
| | | 02/14/96 | 1.8 | <1 | <1 | <1 | <1 | <1 | <0.5 |
| | | 08/20/96 | 3.1 | <0.7 | <1.3 | <1 | <1 | <1.2 | <0.5 |
| | | 01/22/97 | 1.6 | <1 | <1 | <1 | <1 | <10 | <0.5 |
| | | 01/23/98 | <5 | <5 | <5 | -- | <5 | <5 | <0.5 |
| | | 02/04/99 | <1 | <1 | <1 | <1 | <1 | <1 | <0.5 |
| | | 01/06/00 | <1 | <1 | <1 | <1 | <1 | <1 | <0.5 |

Appendix C
Historical Total Target Volatile Organic Compounds (1983 to 2000)
Honeywell, Inc./Synertek Building #1
3050 Coronado Drive
Santa Clara, California

| Well ID | Aquifer | Date | 1,1,1-Trichloro ethane (µg/L) | 1,1-Dichloro-ethane (µg/L) | 1,1-Dichloro-ethene (µg/L) | Freon 113 (µg/L) | trans-1,2-Dichloro-ethene (µg/L) | Trichloro-ethene (µg/L) | Vinyl chloride (µg/L) |
|---|---|---|---|---|---|---|---|---|---|
| MW-20B | B | 12/18/85 | <1 | <1 | <1 | -- | -- | <1 | <1 |
| | | 01/27/86 | <1 | <1 | <1 | -- | -- | <1 | <1 |
| | | 09/22/87 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <0.5 | <0.5 |
| | | 12/18/87 | <0.5 | <0.5 | <0.5 | <0.5 | -- | 1 | <0.5 |
| | | 03/25/88 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <0.5 | <0.5 |
| | | 06/28/88 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <0.5 | <0.5 |
| | | 09/30/88 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <0.5 | <0.5 |
| | | 12/13/88 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <0.5 | <0.5 |
| | | 04/03/89 | <0.5 | <0.5 | <0.5 | <2 | -- | <0.5 | <2 |
| | | 06/24/89 | <0.5 | <0.5 | <0.5 | <2 | -- | <0.5 | <2 |
| | | 09/29/89 | 0.98 | <0.5 | <0.5 | <2 | -- | 4.5 | <2 |
| | | 12/09/89 | <0.5 | <0.5 | <0.5 | <1 | -- | <0.5 | <2 |
| | | 03/09/90 | <0.5 | <0.5 | <0.5 | <2 | -- | <0.5 | <2 |
| | | 06/09/90 | <0.5 | <0.5 | <0.5 | <1 | -- | <0.5 | <2 |
| | | 09/11/90 | <0.5 | <0.5 | <0.5 | <1 | -- | <0.5 | <2 |
| | | 12/10/90 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <0.5 | <0.5 |
| | | 03/12/91 | <5 | <5 | <5 | -- | -- | <5 | <10 |
| | | 06/01/91 | <0.5 | <0.5 | <0.5 | <1 | -- | <0.5 | <2 |
| | | 08/06/91 | <0.5 | <0.5 | <0.5 | <1 | -- | <0.5 | <2 |
| | | 11/09/91 | <0.5 | <0.5 | <0.5 | <1 | -- | <0.5 | <0.5 |
| | | 05/26/92 | <0.5 | <0.5 | <0.5 | <1 | -- | <0.5 | <2 |
| | | 08/25/92 | <0.5 | <0.5 | <0.5 | <1 | -- | <0.5 | <0.5 |
| | | 11/12/92 | <0.5 | <0.5 | <0.5 | <1 | -- | <0.5 | <2 |
| | | 02/04/93 | <5 | <5 | <5 | <5 | -- | <5 | <10 |
| | | 05/13/93 | <0.5 | <0.5 | <0.5 | <1 | -- | <0.5 | <0.5 |
| | | 08/24/93 | <0.5 | <0.5 | <0.5 | <1 | -- | <0.5 | <0.5 |
| | | 11/09/93 | <0.5 | <0.5 | <0.5 | <1 | -- | <0.5 | <0.5 |
| | | 02/10/94 | <5 | <5 | <5 | <5 | -- | <5 | <10 |
| | | 05/05/94 | <0.5 | <0.5 | <0.5 | <1 | <0.5 | <0.5 | <0.5 |
| | | 09/06/94 | <0.5 | <0.5 | <0.5 | <1 | <0.5 | <0.5 | <0.5 |
| | | 11/11/94 | <0.5 | <0.5 | <0.5 | <1 | <0.5 | <0.5 | <0.5 |
| | | 02/24/95 | <1 | <1 | <1 | <1 | <1 | <1 | <0.5 |
| | | 06/07/95 | <0.5 | <0.7 | <1.3 | <1 | <1 | <1.2 | <0.5 |
| | | 08/18/95 | <0.5 | <0.7 | <1.3 | <1 | <1 | <1.2 | <0.5 |
| | | 11/21/95 | <0.5 | <0.7 | <1.3 | <1 | <1 | <1.2 | <0.5 |

Appendix C
Historical Total Target Volatile Organic Compounds (1983 to 2000)
Honeywell, Inc./Synertek Building #1
3050 Coronado Drive
Santa Clara, California

| Well ID | Aquifer | Date | 1,1,1-Trichloro ethane (µg/L) | 1,1-Dichloro-ethane (µg/L) | 1,1-Dichloro-ethene (µg/L) | Freon 113 (µg/L) | trans-1,2-Dichloro-ethene (µg/L) | Trichloro-ethene (µg/L) | Vinyl chloride (µg/L) |
|---|---|---|---|---|---|---|---|---|---|
| MW-20B | B | 02/15/96 | <1 | <1 | <1 | <1 | <1 | <1 | <0.5 |
| | | 05/28/96 | <0.5 | <0.7 | <1.3 | <1 | <1 | <1.2 | <0.5 |
| | | 08/21/96 | <0.5 | <0.7 | <1.3 | <1 | <1 | <1.2 | <0.5 |
| | | 11/08/96 | <0.5 | <0.7 | <1.3 | <1 | <1 | <1.2 | <0.5 |
| | | 01/22/97 | <1 | <1 | <1 | <1 | <1 | <10 | <0.5 |
| | | 07/23/97 | <0.5 | <0.5 | <0.5 | <1 | <0.5 | <0.5 | <0.5 |
| | | 01/21/98 | <5 | <5 | <5 | -- | <5 | <5 | <0.5 |
| | | 07/15/98 | <0.5 | <0.5 | <5 | <5 | <0.5 | <0.5 | <0.5 |
| | | 02/04/99 | <1 | <1 | <1 | <1 | <1 | <1 | <0.5 |
| | | 07/13/99 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| | | 01/06/00 | <1 | <1 | <1 | <1 | <1 | <1 | <0.5 |
| | | 08/30/00 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |

Appendix C
Historical Total Target Volatile Organic Compounds (1983 to 2000)
Honeywell, Inc./Synertek Building #1
3050 Coronado Drive
Santa Clara, California

| Well ID | Aquifer | Date | 1,1,1-Trichloro ethane (µg/L) | 1,1-Dichloro-ethane (µg/L) | 1,1-Dichloro-ethene (µg/L) | Freon 113 (µg/L) | trans-1,2-Dichloro-ethene (µg/L) | Trichloro-ethene (µg/L) | Vinyl chloride (µg/L) |
|---|---|---|---|---|---|---|---|---|---|
| MW-25B | B | 11/03/88 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <0.5 | <0.5 |
| | | 04/03/89 | <0.5 | <0.5 | <0.5 | <2 | -- | <0.5 | <2 |
| | | 09/29/89 | <0.5 | <0.5 | <0.5 | <2 | -- | <0.5 | <2 |
| | | 03/10/90 | <0.5 | <0.5 | <0.5 | <2 | -- | <0.5 | <2 |
| | | 09/08/90 | <0.3 | <0.2 | <0.3 | <0.7 | -- | <0.3 | <1.5 |
| | | 03/09/91 | <5 | <5 | <5 | -- | -- | <5 | <10 |
| | | 08/03/91 | 1.2 | <0.5 | <0.5 | <1 | -- | <0.5 | <2 |
| | | 11/08/91 | <0.5 | <0.5 | <0.5 | <1 | -- | <0.5 | <0.5 |
| | | 08/21/92 | <0.5 | <0.5 | <0.5 | <1 | -- | <0.5 | <0.5 |
| | | 02/03/93 | <5 | <5 | <5 | <5 | -- | <5 | <10 |
| | | 08/24/93 | <0.5 | <0.5 | <0.5 | <1 | -- | <0.5 | <0.5 |
| | | 02/08/94 | <5 | <5 | <5 | <5 | -- | <5 | <10 |
| | | 09/02/94 | <0.5 | <0.5 | <0.5 | <1 | <0.5 | <0.5 | <0.5 |
| | | 02/23/95 | <1 | <1 | <1 | <1 | <1 | <1 | <0.5 |
| | | 08/17/95 | <0.5 | <0.7 | <1.3 | <1 | <1 | <1.2 | <0.5 |
| | | 02/14/96 | <1 | <1 | <1 | <1 | <1 | <1 | <0.5 |
| | | 08/26/96 | <0.5 | <0.7 | <1.3 | <1 | <1 | <1.2 | <0.5 |
| | | 01/22/97 | <1 | <1 | <1 | <1 | <1 | <10 | <0.5 |
| | | 07/23/97 | <0.5 | <0.5 | <0.5 | <1 | <0.5 | <0.5 | <0.5 |
| | | 01/23/98 | <5 | 8 | 17 | -- | <5 | <5 | <0.5 |
| | | 07/15/98 | 2.5 | 6.2 | 13 | <5 | <0.5 | <0.5 | <0.5 |
| | | 02/03/99 | <1 | <1 | <1 | <1 | <1 | <1 | <0.5 |
| | | 07/13/99 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| | | 01/07/00 | <5 | <5 | <5 | <5 | <5 | <5 | <0.5 |
| | | 08/29/00 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |

Appendix C
Historical Total Target Volatile Organic Compounds (1983 to 2000)
Honeywell, Inc./Synertek Building #1
3050 Coronado Drive
Santa Clara, California

| Well ID | Aquifer | Date | 1,1,1-Trichloro ethane (µg/L) | 1,1-Dichloro-ethane (µg/L) | 1,1-Dichloro-ethene (µg/L) | Freon 113 (µg/L) | trans-1,2-Dichloro-ethene (µg/L) | Trichloro-ethene (µg/L) | Vinyl chloride (µg/L) |
|---|---|---|---|---|---|---|---|---|---|
| PW-3 | B | 12/18/87 | 13 | <3 | <3 | <3 | -- | 60 | <3 |
| | | 03/24/88 | 500 | <25 | <25 | <25 | -- | 750 | <25 |
| | | 06/28/88 | 14 | 9.9 | <0.5 | 4 | -- | 102 | <0.5 |
| | | 09/27/88 | 131 | 32 | 12 | 37 | -- | 237 | <3 |
| | | 12/14/88 | 170 | 30 | 67 | 120 | -- | 430 | <5 |
| | | 07/03/89 | 140 | 28 | <4 | 34 | -- | <4 | <20 |
| | | 03/11/91 | 15 | 9 | <5 | -- | -- | 81 | <10 |
| | | 09/17/91 | 13 | 8.4 | 8.1 | 7 | -- | 69 | <2 |
| | | 08/21/92 | 15 | 14 | 8.2 | 23 | -- | 76 | <0.5 |
| | | 02/03/93 | 9 | 8 | <5 | 9 | -- | 83 | <10 |
| | | 08/23/93 | 8.4 | 7.3 | 2.6 | 6.5 | -- | 82 | <0.5 |
| | | 09/01/94 | 5.5 | 12 | 6.5 | <10 | <5 | 120 | <0.5 |
| | | 02/22/95 | 48 | 2.8 | 2.6 | 8.1 | <1 | 47 | <0.5 |
| | | 08/18/95 | 12 | 9.6 | <13 | <10 | <10 | 150 | <5 |
| | | 02/13/96 | 7.1 | 8.8 | 5.6 | 8 | <1 | 110 | 0.7 |
| | | 08/20/96 | 14 | 12 | 8.4 | 8.1 | <5 | 130 | <2.5 |
| | | 01/22/97 | 17 | 8.1 | 5.5 | 13 | <1 | 130 | 1 |
| | | 01/21/98 | 8 | 6 | 7 | -- | <5 | 93 | 0.8 |
| | | 02/02/99 | 14 | 8 | 5 | 14 | <1 | 110 | 2 |
| | | 01/05/00 | 16 | 8 | 6 | 16 | <1 | 150 | 4 |
| PW-7 | B | 02/22/95 | 2 | <1 | <1 | <1 | <1 | <1 | <0.5 |
| | | 08/18/95 | 2.3 | <0.7 | <1.3 | <1 | <1 | <1.2 | <0.5 |
| | | 02/13/96 | 1.5 | <1 | <1 | <1 | <1 | <1 | <0.5 |
| | | 08/20/96 | 2.5 | <0.7 | <1.3 | <1 | <1 | <1.2 | <0.5 |
| | | 01/22/97 | 1.5 | <1 | <1 | <1 | <1 | <10 | <0.5 |
| | | 01/21/98 | <5 | <5 | <5 | -- | <5 | <5 | <0.5 |
| | | 02/02/99 | <1 | <1 | <1 | <1 | <1 | <1 | <0.5 |
| | | 01/05/00 | <1 | <1 | <1 | <1 | <1 | <1 | <0.5 |

Notes:
µg/L = micrograms per liter
< = not detected above listed reporting limit
-- = not analyzed

# Appendix D
# Data Quality Evaluation Reports

APPENDIX D1

# Honeywell Synertek First Semiannual Groundwater Monitoring Event: April/May 2013 Data Quality Evaluation Report

## 1. Introduction

The objective of this data quality evaluation (DQE) report is to assess the data quality of analytical results for water samples collected for Groundwater Monitoring at Honeywell Synertek. Samples were collected and analyzed in the effort to continue providing a framework for long-term monitoring of the groundwater. The data may also be used to support future activities such as feasibility studies, risk assessments, fate and transport modeling and remedial actions. Individual method requirements and guidelines from the USEPA Contract Laboratory National Functional Guidelines (NFG) for Organic Data Review, October 1999 and USEPA Contract Laboratory NFG for Inorganic Data Review, July 2002 were used in this assessment.

This report is intended as a general data quality assessment designed to summarize data issues.

## 2. Analytical Data

This DQE report covers 20 normal groundwater samples, three trip blanks (TB) and two field duplicates (FD). A list of samples and collection dates is included in Attachment A at the end of this DQE report. Samples were collected between April 29, 2013 and May 1, 2013. These sample results were reported under three sample delivery groups, 244863, 244905 and 244926. The analyses were performed by Curtis & Tompkins Laboratory in Berkeley, California (CTBERK).

Eight methods were used to analyze the environmental samples. Samples were collected by CH2M HILL and picked up by the laboratory on a daily frequency until the conclusion of the sampling activities. Selected samples were analyzed for one or more of the analytes/methods shown in Table 1.

TABLE 1
**Analytical Parameters by Laboratory**

| Parameter | Method |
|---|---|
| Volatile Organic Compounds | SW8260B |
| Dissolved Arsenic | E200.8 |
| Alkalinity | SM2320B |
| Orthophosphate | SM4500P-E |
| Bromide, Nitrate and Sulfate | E300.0 |
| Methane, Ethane, Ethene | RSK175 |
| Sulfide | SM4500S2-D |
| Total Organic Carbon | SM5310C |

The data validation included a review of the following items: (1) the chain-of-custody documentation; (2) holding-time compliance; (3) the required quality control (QC) samples at the specified frequencies; (4) flagging for method blanks; (5) laboratory control sample/laboratory control sample duplicates (LCS/LCSD); (6) surrogate spike recoveries for organic analyses; and (7) matrix spike/matrix spike duplicate samples (MS/MSD).

Field samples were also reviewed to ascertain field compliance and data quality issues. This included the review of TBs and FDs.

Data flags are assigned according to the NFG. These flags, as well as the reason for each flag, are entered into the electronic database. Multiple flags are routinely applied to specific sample method/matrix/analyte combinations, but there will be only one final flag. A final flag is applied to the data and is the most conservative of the applied validation flags. The final flag also includes matrix and blank sample impacts.

The data flags are defined below:

- J = Analyte was present but reported value may not be accurate or precise.
- R = The result was rejected.
- U = Analyte was analyzed for but not detected at the specified detection limit.
- UJ = Analyte was not detected above the detection limit objective. However, the reported detection limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

# 3. Findings

The overall summaries of the data validation findings are contained in the following sections. No data required qualification due to this assessment.

## Holding Times

All holding-time criteria were met.

## Calibration

Initial and continuing calibration data were not supplied in the data packages and were not part of the routine validation performed. The laboratory did not report any criteria exceedances in the case narrative.

## Method Blanks

Method blanks were analyzed at the required frequency and were free of contamination.

## Field Blanks

Three TBs were collected and analyzed at the required frequency and were free of contamination.

## Field Duplicates

Two FD sets were collected with this dataset. All precision criteria were met.

## Matrix Spike Samples

The results of MS/MSD analyses provide information about the possible influence of the matrix on either accuracy or precision of the measurements. MS/MSD recoveries and the associated relative percent differences criteria were met.

## Surrogates

Surrogate spikes were analyzed in each sample as required for the methods requiring their use. All acceptance criteria were met.

## Internal Standards

Internal standard information was not supplied in the data packages and was not part of the routine validation performed. The laboratory did not report any internal standard exceedance in the case narrative.

## Laboratory Control Samples

LCS/LCSDs were analyzed as required. All accuracy and precision criteria were met.

## Chain of Custody

No discrepancies were noted.

## Overall Assessment

The final activity in the data quality evaluation is an assessment of whether the data meets the data quality objectives (DQO). The goal of this assessment is to demonstrate that a sufficient number of representative samples were collected and the resulting analytical data can be used to support the decision-making process. The following summary highlights the data evaluation findings for the above defined events:

1. No data were rejected and completeness was 100 percent for all method/analyte combinations.
2. No data were qualified due to low-level blank contamination.
3. Overall, the precision and accuracy of the data, as measured by field and laboratory quality control indicators, indicates that the data are usable for project objectives.

# Attachment A

**Samples Associated with DQE**

| Field Sample ID | Sample Date | Type |
|---|---|---|
| MW-01A_04292013 | 4/29/2013 | REG |
| MW-04B_04292013 | 4/29/2013 | REG |
| MW-12A_04292013 | 4/29/2013 | REG |
| MW-12B_04292013 | 4/29/2013 | REG |
| MW-25A-04292013 | 4/29/2013 | REG |
| MW-25B-04292013 | 4/29/2013 | REG |
| MW-33A_04292013 | 4/29/2013 | REG |
| MW-34A-04292013 | 4/29/2013 | REG |
| MW-29A_04302013 | 4/30/2013 | REG |
| MW-30A_04302013 | 4/30/2013 | REG |
| MW-35A_04302013 | 4/30/2013 | REG |
| MW-36A_04302013 | 4/30/2013 | REG |
| PW-3_04302013 | 4/30/2013 | REG |
| PW-4_04302013 | 4/30/2013 | REG |
| PW-5_04302013 | 4/30/2013 | REG |
| MW-03B1_05012013 | 5/1/2013 | REG |
| MW-07A_05012013 | 5/1/2013 | REG |
| MW-10B_05012013 | 5/1/2013 | REG |
| MW-20B_05012013 | 5/1/2013 | REG |
| MW-37A_05012013 | 5/1/2013 | REG |
| TB_04292013 | 4/29/2013 | TB |
| TB_04302013 | 4/30/2013 | TB |
| TB_05012013 | 5/1/2013 | TB |
| MW-33A_04292013-FD | 4/29/2013 | FD |
| MW-37A_05012013-FD | 5/1/2013 | FD |

FD = Field duplicate
REG = Normal sample
TB = Trip blank

APPENDIX D2

# Honeywell Synertek Second Semiannual Groundwater Monitoring Event: October 2013 Data Quality Evaluation Report

## 1. Introduction

The objective of this data quality evaluation (DQE) report is to assess the data quality of analytical results for water samples collected for Groundwater Monitoring at Honeywell Synertek. Samples were collected and analyzed in the effort to continue providing a framework for long-term monitoring of the groundwater. The data may also be used to support future activities such as feasibility studies, risk assessments, fate and transport modeling and remedial actions. Individual method requirements and guidelines from the USEPA Contract Laboratory National Functional Guidelines (NFG) for Organic Data Review, October 1999 and USEPA Contract Laboratory NFG for Inorganic Data Review, July 2002 were used in this assessment.

This report is intended as a general data quality assessment designed to summarize data issues.

## 2. Analytical Data

This DQE report covers eight normal groundwater samples, two trip blanks (TB) and one field duplicate (FD). A list of samples and collection dates is included in Attachment A at the end of this DQE report. Samples were collected October 29 and October 30, 2013. These sample results were reported under two sample delivery groups, 250342 and 250386. The analyses were performed by Curtis & Tompkins Laboratory in Berkeley, California (CTBERK).

Eight methods were used to analyze the environmental samples. Samples were collected by CH2M HILL and picked up by the laboratory on a daily frequency until the conclusion of the sampling activities. Selected samples were analyzed for one or more of the analytes/methods shown in Table 1.

**Table 1**

**Analytical Parameters by Laboratory**

| Parameter | Method |
|---|---|
| Volatile Organic Compounds | SW8260B |
| Dissolved Arsenic | E200.7 |
| Alkalinity | SM2320B |
| Orthophosphate | SM4500P-E |
| Bromide, Nitrate and Sulfate | E300.0 |
| Methane, Ethane, Ethene | RSK175 |
| Sulfide | SM4500S2-D |
| Total Organic Carbon | SM5310C |

The data validation included a review of the following items: (1) the chain-of-custody documentation; (2) holding-time compliance; (3) the required quality control (QC) samples at the specified frequencies; (4) flagging for method blanks; (5) laboratory control sample/laboratory control sample duplicates (LCS/LCSD); (6) surrogate spike recoveries for organic analyses; and (7) matrix spike/matrix spike duplicate samples (MS/MSD).

Field samples were also reviewed to ascertain field compliance and data quality issues. This included the review of TBs and a FD.

Data flags are assigned according to the NFG. These flags, as well as the reason for each flag, are entered into the electronic database. Multiple flags are routinely applied to specific sample method/matrix/analyte combinations, but there will be only one final flag. A final flag is applied to the data and is the most conservative of the applied validation flags. The final flag also includes matrix and blank sample impacts.

The data flags are defined below:

- J = Analyte was present but reported value may not be accurate or precise.
- R = The result was rejected.
- U = Analyte was analyzed for but not detected at the specified detection limit.
- UJ = Analyte was not detected above the detection limit objective. However, the reported detection limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

# 3. Findings

The overall summaries of the data validation findings are contained in the following sections below and summarized in Attachment B at the end of this DQE report.

## Holding Times

All holding-time criteria were met.

## Calibration

Initial and continuing calibration data were not supplied in the data packages and were not part of the routine validation performed. The laboratory did not report any criteria exceedances in the case narrative.

## Method Blanks

Method blanks were analyzed at the required frequency and were free of contamination.

## Field Blanks

Two TBs were collected and analyzed at the required frequency and were free of contamination.

## Field Duplicates

One FD set was collected and analyzed with this event. A list of FD and associated parent sample identifications (ID) is included below.

TABLE 2
**List of Field Duplicate**

| Field Duplicate Sample ID | Associated Parent Sample ID |
|---|---|
| MW-07A_10292013-FD | MW-07A_10292013 |

All relative percent difference (RPD) criteria were met with the following exceptions:

The RPDs of cis-1,2-dichloroethene, trans-1,2-dichloroethene and vinyl chloride were above the acceptance criterion in FD set MW-07A_10292013/ MW-07A_10292013-FD for Method SW8260B. Six detected results in the original and duplicate samples were qualified as estimated and flagged “J”.

## Matrix Spike Samples

The results of MS/MSD analyses provide information about the possible influence of the matrix on either accuracy or precision of the measurements. MS/MSD recoveries and the associated relative percent differences criteria were met the following exceptions:

The recovery of bromomethane was less than the lower control limit in the MS of sample MW-04B_10302013 for Method SW8260B, indicating the associated parent sample result is possibly biased low. One non-detected result in the parent sample was qualified as estimated and flagged “UJ”.

## Surrogates

Surrogate spikes were analyzed in each sample as required for the methods requiring their use. All acceptance criteria were met.

## Internal Standards

Internal standard information was not supplied in the data packages and was not part of the routine validation performed. The laboratory did not report any internal standard exceedance in the case narrative.

## Laboratory Control Samples

LCS/LCSDs were analyzed as required. All accuracy and precision criteria were met.

## Chain of Custody

No discrepancies were noted.

## Overall Assessment

The final activity in the data quality evaluation is an assessment of whether the data meets the data quality objectives (DQO). The goal of this assessment is to demonstrate that a sufficient number of representative samples were collected and the resulting analytical data can be used to support the decision-making process. The following summary highlights the data evaluation findings for the above defined events:

1. No data were rejected and completeness was 100 percent for all method/analyte combinations.
2. No data were qualified due to low-level blank contamination.
3. FD RPD exceedances were observed for Method SW8260B; six results were qualified as estimated.
4. A MS recovery exceedance was observed for Method SW8260B; one result was qualified as estimated.
5. Overall, the precision and accuracy of the data, as measured by field and laboratory quality control indicators, indicates that the data are usable for project objectives.

# Attachment A

**Samples Associated with DQE**

| Field Sample ID | Sample Date | Type |
|---|---|---|
| MW-07A_10292013 | 10/29/2013 | REG |
| MW-35A_10292013 | 10/29/2013 | REG |
| MW-36A_10292013 | 10/29/2013 | REG |
| MW-37A_10292013 | 10/29/2013 | REG |
| PW-5_10292013 | 10/29/2013 | REG |
| MW-04B_10302013 | 10/30/2013 | REG |
| MW12B_10302013 | 10/30/2013 | REG |
| PW-4_10302013 | 10/30/2013 | REG |
| MW-07A_10292013-FD | 10/29/2013 | FD |
| TB1_10292013 | 10/29/2013 | TB |
| TB2_10302013 | 10/30/2013 | TB |

FD = Field duplicate
REG = Normal sample
TB = Trip blank

# Attachment B

## Validation Flags

| Field ID | Method | Analyte | Final Result | Units | Final Flag | Reason code |
|---|---|---|---|---|---|---|
| MW-07A_10292013 | SW8260B | cis-1,2-Dichloroethene | 5.9 | µg/L | J | FD |
| MW-07A_10292013 | SW8260B | trans-1,2-Dichloroethene | 12 | µg/L | J | FD |
| MW-07A_10292013 | SW8260B | Vinyl chloride | 57 | µg/L | J | FD |
| MW-07A_10292013-FD | SW8260B | Cis-1,2-Dichloroethene | 4 | µg/L | J | FD |
| MW-07A_10292013-FD | SW8260B | trans-1,2-Dichloroethene | 8.8 | µg/L | J | FD |
| MW-07A_10292013-FD | SW8260B | Vinyl chloride | 41 | µg/L | J | FD |
| MW-04B_10302013 | SW8260B | Bromomethane | 2 | µg/L | UJ | MSL |

FD = Field duplicate relative percent difference criterion exceeded.
MSL= Matrix spike recovery less than the lower control limit.
J = Analyte was present but reported value may not be accurate or precise.
UJ = Analyte was not detected above the detection limit objective. However, the reported detection limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
µg/L = micrograms per liter

# Appendix E
# 2013 Enhanced In-Situ Bioremediation Performance Evaluation Report

APPENDIX E

# 2013 Enhanced In Situ Bioremediation Performance Evaluation

## 1. Introduction

CH2M HILL, Inc. (CH2M HILL) has prepared this 2013 enhanced in situ bioremediation (EISB) performance evaluation report on behalf of Honeywell International Inc. (Honeywell) for the Honeywell Synertek Building No. 1 facility, located at 3050 Coronado Drive in Santa Clara, California (Site). The EISB performance monitoring was conducted in accordance with the *Groundwater Sampling and Monitoring 2009 Summary Report* (EISB Work Plan, CH2M HILL, 2001).

## 2. Background

The groundwater remediation activities were implemented in accordance with the EISB Work Plan which targeted elevated concentrations of VOCs in groundwater. The EISB treatment area included the A and B aquifers near monitoring wells MW-7A and MW-4B (source area).

On January 3-5, 2011, seven new injection wells installed (A aquifer: IW-2, IW-3, IW-4, IW-5, IW-6, and IW-7; B aquifer: IW-1B). The installation and development of the new injection wells is detailed in Appendix E of the *Groundwater Sampling and Monitoring 2011 Summary Report* (CH2M HILL, 2011).

On May 16-18, 2011, an injection of substrates and other amendments occurred in the A and B aquifers near monitoring wells MW-7A and MW-4B. In the A aquifer, amendments were injected into new injection wells (IW-2, IW-3, IW-4, IW-5, IW-6, and IW-7) and existing extraction well PW-1. In the B aquifer, amendments were injected into new injection well IW-1B and existing extraction well PW-3, while groundwater was extracted temporarily from MW-4B. Groundwater was extracted with a portable groundwater extraction pump. Extracted groundwater was mixed with the substrate and other amendments and re-injected into the B aquifer. Additional potable water was added to the amendment mixture because the flow rate of extracted groundwater was less than the injection flow rate. Additional detail on injection volumes, injection rates, substrates and amendments used, tracer results, and initial post injection monitoring results is summarized in Appendix E to the *Groundwater Sampling and Monitoring 2011 Summary Report* (CH2M HILL, 2011).

In 2012, one year of post EISB injection monitoring and sampling was conducted and the data summarized in Appendix E to the *Groundwater Sampling and Monitoring 2012 Summary Report* (CH2M HILL, 2011).

An EISB Efficacy Evaluation Report was included as Appendix B of the *Focused Feasibility Study, Former Synertek Building No. 1 Facility, Santa Clara, California* (CH2M HILL, 2013) that concluded that overall the data indicate that EISB has treated VOCs in both the A and B aquifer zones. Sequential degradation of PCE to its daughter products has been observed, and geochemical data support the conclusion that this degradation is attributable to reductive dechlorination.

## 3. Performance Monitoring

The following information provides the detailed summary and presentation of data collected from June 2011 to October 2013, which is considered the EISB evaluation period for the Site:

- Table B-1 summarizes the groundwater VOC analytical data.
- Table B-3 summarizes the groundwater biogeochemical parameters data.

The conclusions made below are based on an evaluation of the data collected during and after the implementation of EISB (2011 through 2013).

# 4. Conclusions

Changes in individual VOC concentrations in groundwater samples from the Site in the EISB injection area indicate that sequential reductive dechlorination of TCE to cis-1,2-DCE, vinyl chloride, and ethene is occurring. Geochemical data provide indirect evidence that reductive dechlorination is occurring.

The changes in VOC concentrations in the A aquifer (i.e., MW-7A and MW-37A) show that sequential reductive dechlorination is occurring. The VOC concentrations in samples from monitoring well PW-1 have remained below 1 µg/L; therefore, no useful trends in VOC results are distinguishable at that well. The VOC data from monitoring wells MW-7A and MW-37A show that sequential degradation of TCE to cis-1,2-DCE, vinyl chloride, and ethene has occurred. For example, between 2011 and 2012 at MW-37A, concentrations of TCE decreased from 98 µg/L to below its reporting limit of 0.1 µg/L while the intermediate compound, cis-1,2-DCE, increased from 15 µg/L to 140 µg/L and subsequently decreased to below its reporting limit of 0.1 µg/L. Concentrations of VC increased from 4.8 µg/L to 110 µg/L and subsequently decreased to 11 µg/L. Concentrations of ethene at MW-37A have increased to 0.032 µg/L in 2012. Sulfate concentrations at MW-7A and MW-37A have decreased substantially as methane concentrations have increased, indicating that methanogenic conditions, favorable for reductive dechlorination, are present. Additionally, TOC concentrations greater than 5 mg/L were observed in the A aquifer wells until 2012, indicating the presence of the substrates required for dechlorinating bacteria to grow.

The changes in VOC concentrations in the B aquifer (i.e., MW-4B and PW-3) show that reductive dechlorination is occurring. In general, TCE concentrations have decreased, cis-1,2-DCE concentrations have increased and subsequently decreased, and VC concentrations have increased. Sulfate concentrations at PW-3 are depleted, and TOC concentrations are greater than 5 mg/L. However, at MW-4B, sulfate concentrations remain near 200 mg/L, and TOC concentrations have not increased above 5 mg/L. The bromide concentrations at MW-4B have not increased to more than 1 mg/L. These data indicate that MW-4B is not within the active treatment zone created by injections at IW-1B and PW-3. However, the changes in VOC concentrations in groundwater at MW-4B indicate that this well is probably just outside the active treatment areas around IW-1B and PW-3.

Overall, the data indicate that EISB has treated VOCs in the A and B aquifer zones. Sequential degradation of PCE to its daughter products has been observed, and geochemical data support the conclusion that this degradation is attributable to reductive dechlorination.

# 5. Recommendations

As outlined in the EISB Efficacy Evaluation Report was included as Appendix B of the *Focused Feasibility Study, Former Synertek Building No. 1 Facility, Santa Clara, California* (CH2M HILL, 2013), a second injection of substrate and other amendments is warranted to sustain treatment for a longer period of time in the A and B aquifer source area, with the following adjustments from the 2011 injection:

- The decrease in VOC concentrations was not as significant in the B aquifer. The injection volumes in IW-1B and PW-3 should be increased to increase the size of the active treatment zone around MW-4B.
- Performance of EISB at the Site will continue to be evaluated by using trends in VOC and biogeochemical parameter concentrations.
- Injection events can be performed every other year, if not less frequently, based on the biogeochemical data, tracer data, and VOC data.

Also, VOC concentrations in the area around MW-7A and MW-37A have decreased to such an extent that any additional EISB treatment in the A-zone should be applied in only the area around MW-12A. MW-12A currently has the highest TCE concentrations at the Site.

# 6. References

CH2M HILL. 2010. *Groundwater Remediation Work Plan, Synertek Building 1 Site, 3050 Coronado Drive, Santa Clara, California*. Final. June.

CH2M HILL. 2011. *Groundwater Sampling and Monitoring, 2010 Summary Report, Synertek Building 1 Site, 3050 Coronado Drive, Santa Clara, California*. January.

CH2M HILL. 2013. *Focused Feasibility Study, Former Synertek Building No. 1 Facility, Santa Clara, California.* September 30.

TABLE E-1
Enhanced In Situ Bioremediation Performance Monitoring - Volatile Organic Compounds
*Honeywell International Inc./Synertek Building #1*
*3050 Coronado Drive, Santa Clara, California*

| | | | | Target VOCs | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Well ID** | **Aquifer** | **Date** | **Total Target VOCs (µg/L)** | **1,1,1-Trichloro ethane (µg/L)** | **1,1-Dichloro-ethane (µg/L)** | **1,1-Dichloro-ethene (µg/L)** | **Freon 113 (µg/L)** | **trans-1,2-Dichloro-ethene (µg/L)** | **Trichloro-ethene (µg/L)** | **Vinyl chloride (µg/L)** | **cis-1,2-Dichloro-ethene (µg/L)** |
| **Final Cleanup Standards** | | | **NA** | **200** | **5** | **6** | **1200** | **NA** | **5** | **0.5** | **NA** |
| IW-2 | A | 03/24/11 | 253 | <0.6 | **36** | **17** | 5.2 j | 3.3 | **160** | **31** | 360 |
| IW-4 | A | 03/24/11 | 122 | 0.7 j | **17** | 6 j | 5.9 | 0.5 j | **91** | **1.3** | 8.7 |
| IW-6 | A | 03/24/11 | 57 | 2.2 | **8.9** | 5.1 | 3.5 | 0.2 j | **36** | **0.6** | 5.1 |
| MW-07A | A | 06/22/10 | 109 | 1.1 | **8.5** | **7.1** | 7.5 | 0.4 j | **84** | **0.7** | 7.4 |
| | | 12/02/10 | 83 | 0.8 | **7.4** | 5.7 | 5.4 | 0.3 j | **63** | 0.5 j | 7.4 |
| | | 06/23/11 | 76 | 0.2 j | **6.9** | 5.5 | 0.5 j | 0.6 | **62** | **0.7** | 14 |
| | | 08/15/11 | 49 | <0.1 | **7.8** | 4 | 0.3 j | 0.6 | 0.8 | **35** | 65 |
| | | 11/04/11 | 72 | <0.1 | 0.3 j | 0.5 | <0.1 | 0.7 | 0.5 | **70** | 2.9 |
| | | 02/23/12 | 86 | <0.1 | 4.2 | 0.4 j | 0.5 j | 0.7 | 2.4 | **78** | 2.9 |
| | | 05/16/12 | 77 | <0.1 | **7.2** | 0.4 j | 0.6 j | 1.1 | 2.3 | **65** | 2.3 |
| | | 10/17/12 | 70 | <0.1 | **6.1** | <0.2 | <2.0 j | 1.5 | 1.3 | **61** | 2.8 |
| | | 05/01/13 | 70 | <0.1 | **9.7** | 1 | <0.2 | 6.2 | 3 | **50** | 4.9 |
| | | 10/29/13 | 78 | <0.1 | **6.8** | 0.5 | <0.2 | 8.8 j | 1.5 | **57 j** | 5.9 j |
| MW-37A | A | 03/24/11 | 190 | 21 | **32** | **20** | 13 | 0.6 | **98** | **4.8** | 15 |
| | | 06/23/11 | 27 | 1.2 | **12** | **6.9** | 0.4 j | 1.6 | 2.1 | **2.7** | 100 |
| | | 08/15/11 | 47 | 6.8 | **14** | **9** | <0.2 | 0.9 | 0.5 j | **16** | 140 |
| | | 11/04/11 | 103 | 0.4 j | 3 | <0.1 | <0.2 | 1 | 0.3 j | **98** | 1.6 |
| | | 02/23/12 | 114 | <0.2 | 3.1 | <0.2 | <0.2 | 0.8 | 0.5 j | **110** | 0.8 |
| | | 05/16/12 | 74 | <0.1 | 3.9 j | <0.1 | <0.2 | 1 j | 0.3 j | **69** | 0.8 |
| | | 10/17/12 | 18 | <0.1 | **6.6** | <0.2 | <0.2 | 0.7 | <0.1 | **11** | <0.1 |
| | | 05/01/13 | 14 | <0.1 | **8.7** | <0.1 | <0.2 | 1.9 | <0.1 | **3.6** | 0.6 |
| | | 10/29/13 | 9.0 | 0.8 | **5.1** | <0.2 | <0.2 | 1.9 | <0.1 | **1.2** | <0.1 |
| PW-1 | A | 12/02/10 | 2.2 | <0.1 | 0.5 j | <0.1 | <0.1 | <0.2 | 1.7 | <0.1 | 0.2 j |
| | | 06/24/11 | 0.7 | <0.1 | 0.2 j | <0.1 | <0.2 | <0.1 | 0.5 j | <0.1 | 0.4 j |
| | | 08/15/11 | 0.1 | <0.1 | <0.1 | <0.2 | <0.2 | <0.2 | 0.1 j | <0.1 | 0.2 j |
| | | 11/04/11 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | 0.7 |
| IW-1B | B | 03/24/11 | 0.5 | <0.1 | <0.1 | <0.2 | <0.2 | <0.2 | 0.5 | <0.1 | <0.1 |
| | | 06/24/11 | 60 | 0.7 | 5 | 1.6 | 0.3 j | 0.1 j | **52** | <0.1 | 15 |
| | | 08/15/11 | 6.0 | <0.1 | 3.5 | 1.2 | <0.2 | 0.2 j | 0.7 | 0.4 j | 66 |
| | | 11/04/11 | 6.5 | <0.1 | 2 | 1.5 | <0.1 | 0.5 j | 0.4 j | **2.1** | 160 |

TABLE E-1
Enhanced In Situ Bioremediation Performance Monitoring - Volatile Organic Compounds
*Honeywell International Inc./Synertek Building #1*
*3050 Coronado Drive, Santa Clara, California*

| | | | | Target VOCs | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Well ID** | **Aquifer** | **Date** | **Total Target VOCs (µg/L)** | **1,1,1-Trichloro ethane (µg/L)** | **1,1-Dichloro-ethane (µg/L)** | **1,1-Dichloro-ethene (µg/L)** | **Freon 113 (µg/L)** | **trans-1,2-Dichloro-ethene (µg/L)** | **Trichloro-ethene (µg/L)** | **Vinyl chloride (µg/L)** | **cis-1,2-Dichloro-ethene (µg/L)** |
| **Final Cleanup Standards** | | | **NA** | **200** | **5** | **6** | **1200** | **NA** | **5** | **0.5** | **NA** |
| MW-04B | B | 06/22/10 | 248 | <0.4 | **9.7** | 2.6 | 3.3 j | 1.1 j | **230** | <0.5 | 37 |
| | | 12/02/10 | 195 | <0.1 | **9** | 3.3 | 1.7 j | 0.5 | **180** | 0.2 j | 38 |
| | | 06/23/11 | 35 | <0.4 | **11** | 4.1 | 5.7 | 8.2 | 3.5 | <0.3 | 220 |
| | | 08/15/11 | 16 | <0.1 | 3.9 | 1.5 | 0.4 j | 0.3 j | **7.8** | **2.1** | 95 |
| | | 11/04/11 | 19 | 0.1 j | 2.9 | 1.1 | 0.3 j | 0.3 j | **8.1** | **6.1** | 51 j |
| | | 02/23/12 | 73 | <0.1 | 3.2 | 1.1 | 0.3 j | 0.2 j | **36** | **3.6** | 29 |
| | | 05/16/12 | 57 | <0.1 | 4 | 1.6 | 0.5 j | 0.3 j | **44** | **6.2** | 42 |
| | | 10/17/12 | 58 | <0.5 | **15** | 4.9 | <0.5 | 4.9 | **21** | **12** | 280 |
| | | 04/29/13 | 69 | <0.1 | 4.7 | 1.5 | <0.1 | <0.1 | **56** | **6.9** | 52 |
| | | 10/30/13 | 133 | <0.2 | **12** | 4.2 | 5.3 | 1.3 | **52** | **58** | 170 |
| PW-3 | B | 06/22/10 | 1.3 | <0.1 | 0.1 j | <0.1 | <0.2 | <0.1 | 1.2 | <0.2 | 0.2 j |
| | | 12/02/10 | 1 | <0.1 | 0.1 j | <0.1 | <0.1 | <0.2 | 0.9 | <0.1 | 0.1 j |
| | | 06/24/11 | 50 | 0.3 j | 4.5 | 1.2 | <0.2 | 0.1 j | **44** | <0.1 | 14 |
| | | 08/15/11 | 64 | <0.1 | 4.6 | 1.3 | <0.2 | 0.5 | **57** | 0.5 | 25 |
| | | 11/04/11 | 0.6 | <0.1 | <0.1 | 0.2 j | <0.1 | <0.1 | <0.1 | 0.4 j | 21 |
| | | 05/15/12 | 30 | <0.1 | 0.9 | 0.4 j | <0.1 | 0.3 j | <0.1 | **28** | 2 |
| | | 04/30/13 | 20 | <0.1 | <0.2 | <0.2 | <0.1 | <0.2 | <0.1 | **20** | <0.1 |

Notes:
Detections in bold exceed Final Cleanup Standards
Only analytical results from primary samples are shown
µg/L = micrograms per liter
NA = Not Applicable
<5 = not detected above listed reporting limit, or method detection limit if provided by laboratory
j = estimated value below reporting limit
-- = not analyzed

TABLE E-2
Enhanced In Situ Bioremediation Performance Monitoring - Monitored Natural Attenuation Parameters
*Honeywell International Inc./Synertek Building #1*
*3050 Coronado Drive, Santa Clara, California*

| | | | | | Electron Acceptors | | | | | | Electron Donors | | | Degradation Products and Indicators | | | | | Nutrients | | | Tracer | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Well | Aquifer | Date | DO (mg/L) | ORP (mV) | Nitrate As N (mg/L) | Nitrite As N (mg/L) | Manganese (II) (mg/L) | Ferrous Iron (mg/L) | Sulfate (mg/L) | Sulfide (mg/L) | BOD (mg/L) | COD (mg/L) | TOC (mg/L) | Alkalinity (mg/L) | Chloride (mg/L) | Ethane (µg/L) | Ethene (µg/L) | Methane (µg/L) | Ammonia as N (mg/L) | Phosphorus (mg/L) | Potassium (mg/L) | Bromide (mg/L) | pH |
| MW-07A | A | 06/22/10 | 0.01 | 62 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.92 |
| | | 12/02/10 | 1.30 | 64 | -- | -- | 0.10 | 0.26 | 220 | <0.04 | -- | -- | 1.7 | 570 | -- | <1 | <1 | 3.71 | -- | 0.081 | -- | 0.75 | 6.64 |
| | | 06/23/11 | 0.27 | -197 | <0.05 | -- | 3.00 | 4.40 | 0.087 j | 2.1 | -- | -- | 120 | 1,100 | -- | 0.0005 j | 0.002 j | 0.008 | -- | 1.8 | -- | 15 | 6.50 |
| | | 08/15/11 | -- | -- | <0.05 | -- | -- | -- | 0.64 | 0.65 | -- | -- | 55 | 1,100 | -- | <0.005 | <0.005 | 4.6 j | -- | 0.7 | -- | 7.3 | -- |
| | | 11/04/11 | 0.00 | -104 | <0.05 | -- | 2.10 | 40.00 | <0.23 | 0.11 | -- | -- | 16 | 1,000 | -- | <0.005 | <0.005 | 12 | -- | 0.4 | -- | 5.6 | 6.49 |
| | | 02/23/12 | 9.21 | -104 | 0.02 j | -- | 0.20 | 0.40 | 4.3 | 0.14 | -- | -- | 2.3 | 970 | -- | <0.005 | 0.0004 j | 13 | -- | 0.81 | -- | -- | 6.78 |
| | | 05/16/12 | 0.29 | -110 | 0.03 j | -- | 0.60 | 1.25 | 86 | 0.07 | -- | -- | 2.5 | 870 | -- | <0.005 | <0.005 | 14 | -- | <0.03 | -- | 1.9 | 7.65 |
| | | 05/01/13 | 0.18 | -84.8 | -- | -- | 0.20 | 2.50 | 130 | <0.04 | -- | -- | 2.9 | 670 | -- | <0.005 | 0.012 | 11 | -- | <0.03 | -- | 0.26 | 6.57 |
| | | 10/29/13 | 0.21 | -25.3 | -- | -- | 0.20 | 2.00 | 170 | 0.05 | -- | -- | 3.3 | 660 | -- | <0.005 | 0.013 | 7.9 | -- | <0.03 | -- | 1 | 6.64 |
| MW-37A | A | 03/24/11 | -- | -- | <0.05 | -- | -- | -- | 320 | 0.04 | -- | -- | 1.6 | 550 | -- | <0.005 | <0.005 | 0.002 j | -- | 0.052 | -- | 0.79 | -- |
| | | 06/23/11 | 0.21 | -311 | <0.05 | -- | 3.00 | 1.20 | 1.5 | 8.5 | -- | -- | 260 | 1,200 | -- | 0.0004 j | 0.002 j | 0.03 | -- | 2.7 | -- | 14 | 6.74 |
| | | 08/15/11 | -- | -- | <0.05 | -- | -- | -- | 0.82 | 0.27 | -- | -- | 260 | 1,400 | -- | <0.005 | 0.0006 j | 7.3 | -- | 1.1 | -- | 14 | -- |
| | | 11/04/11 | 0.00 | -162 | <0.05 | -- | 2.10 | 2.00 | <0.2 | 0.07 | -- | -- | 76 | 1,400 | -- | <0.005 | <0.005 | 9.8 | -- | 0.7 | -- | 13 | 6.76 |
| | | 02/23/12 | 8.28 | -141 | -- | -- | 1.00 | 0.20 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.81 |
| | | 05/16/12 | 0.32 | -148 | 0.03 j | -- | 1.20 | 1.20 | 1.1 | 0.12 | -- | -- | 5.1 | 1,400 | -- | 0.0005 j | 0.014 | 13 | -- | 0.055 | -- | 9.4 | 7.84 |
| | | 10/17/12 | 0.48 | -104.1 | <0.05 | -- | 0.80 | 1.00 | 4 | 0.05 | -- | -- | 3.3 | 1,100 | -- | 0.007 | 0.032 | 17 | -- | 0.48 | -- | 5.8 | 6.64 |
| | | 05/01/13 | 0.49 | -126.5 | -- | -- | 0.30 | 1.20 | 12 | 0.09 | -- | -- | 4.5 | 1100 | -- | 0.01 | 0.026 | 15 | -- | <0.03 | -- | 4.8 | 6.49 |
| | | 10/29/13 | 0.46 | -64.7 | -- | -- | 0.20 | 1.00 | 29 | <0.04 | -- | -- | 4.7 | 910 | -- | 0.01 | 0.006 | 13 | -- | <0.03 | -- | 2.3 | 6.66 |
| PW-1 | A | 12/02/10 | 7.38 | -165 | -- | -- | -- | -- | 210 | -- | -- | -- | 1.5 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.61 |
| | | 06/24/11 | 15.04 | -251 | -- | -- | -- | -- | <0.5 | -- | -- | -- | 2,100 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 5.89 |
| | | 08/15/11 | -- | -- | -- | -- | -- | -- | 4.4 j | -- | -- | -- | 1,700 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | | 11/04/11 | 0.00 | -184 | <0.05 | -- | -- | -- | <0.4 | -- | -- | -- | 1,100 | -- | -- | -- | -- | -- | -- | 0.11 | -- | -- | 6.71 |
| IW-1B | B | 03/24/11 | -- | -- | 1.9 | -- | -- | -- | 180 | -- | -- | -- | 0.57 | -- | -- | <0.005 | <0.005 | <0.0002 | -- | -- | -- | 0.53 | -- |
| | | 06/24/11 | 0.55 | -328 | -- | -- | -- | -- | 12 | -- | -- | -- | 420 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.65 |
| | | 08/15/11 | -- | -- | -- | -- | -- | -- | 0.18 j | -- | -- | -- | 610 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | | 11/04/11 | 0.92 | -154 | 0.01 j | -- | -- | -- | <0.2 | -- | -- | -- | 590 | -- | -- | -- | -- | -- | -- | 0.33 | -- | -- | 6.22 |
| MW-04B | B | 06/22/10 | 0.05 | 1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.17 |
| | | 12/02/10 | 1.29 | 50 | -- | -- | 0.80 | 0.16 | 180 | <0.04 | -- | -- | 1.1 | 310 | -- | <1 | <1 | <1 | -- | 0.1 | -- | 0.36 | 6.68 |
| | | 06/23/11 | 0.02 | -285 | <0.05 | -- | -- | -- | 160 | 0.97 | -- | -- | 3.6 | 320 | -- | <0.005 | <0.005 | 0.008 | -- | 1.6 | -- | 1 | 7.00 |
| | | 08/15/11 | -- | -- | 0.008 j | -- | -- | -- | 160 | 0.12 | -- | -- | 1.5 | 260 | -- | <0.005 | <0.005 | 1.9 | -- | 0.57 | -- | 0.29 | -- |
| | | 11/04/11 | 0.00 | -191 | <0.05 | -- | n/a | 2.00 | 170 | 0.09 | -- | -- | 1.7 | 280 | -- | <0.005 | <0.005 | 4.8 | -- | 0.38 | -- | 0.33 | 7.24 |
| | | 02/23/12 | 4.12 | -87 | 0.01 j | -- | -- | 0.01 | 170 | <0.04 | -- | -- | 0.74 | 280 | -- | <0.005 | <0.005 | 9.7 | -- | 0.15 | -- | -- | 7.42 |
| | | 05/16/12 | 0.34 | -99 | 0.01 j | -- | 0.10 | 0.11 | 180 | <0.04 | -- | -- | 0.78 | 300 | -- | <0.005 | <0.005 | 13 | -- | 0.14 | -- | 0.31 | 8.54 |
| | | 10/17/12 | 0.17 | -104.1 | <0.05 | -- | -- | 0.11 | 190 | 0.1 | -- | -- | 0.72 | 340 | -- | <0.005 | <0.005 | 19 | -- | 0.23 | -- | 0.47 | 7.23 |
| | | 04/29/13 | 0.29 | -51.8 | -- | -- | 0.30 | 0.95 | 180 | <0.04 | -- | -- | 0.9 | 310 | -- | <0.005 | <0.005 | 14 | -- | 0.18 | -- | 0.42 | 7.04 |
| | | 10/30/13 | 0.72 | -64.3 | -- | -- | 0.20 | 1.00 | 170 | <0.04 | -- | -- | 1.3 | 290 | -- | <0.005 | <0.005 | 12 | -- | 0.068 | -- | 0.43 | 7.02 |
| PW-3 | B | 06/22/10 | 0.00 | -17 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.34 |
| | | 12/02/10 | 1.34 | -34 | -- | -- | -- | -- | 200 | -- | -- | -- | 0.81 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 7.02 |
| | | 06/24/11 | 0.30 | -173 | -- | -- | -- | -- | 110 | -- | -- | -- | 4,400 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 5.84 |
| | | 08/15/11 | -- | -- | -- | -- | -- | -- | 19 | -- | -- | -- | 3,600 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | | 11/04/11 | 0.00 | -192 | <0.05 | -- | -- | -- | <0.066 | -- | -- | -- | 310 | -- | -- | -- | -- | -- | -- | 0.29 | -- | -- | 6.72 |
| | | 05/15/12 | 0.21 | -190 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 8.11 |
| | | 04/30/13 | 0.44 | -149.1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6.61 |

TABLE E-2
Enhanced In Situ Bioremediation Performance Monitoring - Monitored Natural Attenuation Parameters
*Honeywell International Inc./Synertek Building #1*
*3050 Coronado Drive, Santa Clara, California*

| | | | | | Electron Acceptors | | | | | | Electron Donors | | | Degradation Products and Indicators | | | | | Nutrients | | | Tracer | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Well** | **Aquifer** | **Date** | **DO (mg/L)** | **ORP (mV)** | **Nitrate As N (mg/L)** | **Nitrite As N (mg/L)** | **Manganese (II) (mg/L)** | **Ferrous Iron (mg/L)** | **Sulfate (mg/L)** | **Sulfide (mg/L)** | **BOD (mg/L)** | **COD (mg/L)** | **TOC (mg/L)** | **Alkalinity (mg/L)** | **Chloride (mg/L)** | **Ethane (µg/L)** | **Ethene (µg/L)** | **Methane (µg/L)** | **Ammonia as N (mg/L)** | **Phosphorus (mg/L)** | **Potassium (mg/L)** | **Bromide (mg/L)** | **pH** |

Notes:

mg/L = milligrams per liter
µg/L = micrograms per liter
mV = millivolts
DO = dissolved oxygen (field)
ORP = oxidation-reduction potential (field)
N = nitrogen
BOD = biochemical oxygen demand
Detected Laboratory Results are bolded

COD = chemical oxygen demand
TOC = total organic carbon
<0.1 = not detected above listed reporting limit, or method detection limit if provided by laboratory
-- = not analyzed
j = estimated value below reporting limit
Only analytical results from primary samples are shown
DO was remeasured at MW-07A, MW-37A and MW-04B on 11/06/12 due to probe malfunction during the October 2012 groundwater sampling event